



U.S. DEPARTMENT OF COMMERCE  
National Technical Information Service  
Springfield, VA 22161

**NEW  
MASTER  
CATALOG**

# 1987 PUBLISHED SEARCH CATALOG

**FEATURING** SUBJECT SEARCHES WITH COMPLETE CITATIONS  
FROM THE NTIS BIBLIOGRAPHIC DATABASE AND INCLUDING SEARCHES FROM...

- ISMEC
- AMERICAN PETROLEUM INSTITUTE
- ENGINEERING INFORMATION, INC.
- OCEANIC ABSTRACTS
- FOOD SCIENCE AND TECHNOLOGY ABSTRACTS
- ENERGY DATABASE
- U.S. PATENT BIBLIOGRAPHIC DATABASE
- INSPEC
- WORLD TEXTILE ABSTRACTS
- METALS ABSTRACTS
- WORLD SURFACE COATINGS ABSTRACTS
- MANAGEMENT CONTENTS
- PIRA
- COMPUTER DATABASE
- LIFE SCIENCES COLLECTION
- CONFERENCE PAPERS INDEX
- RAPRA
- PACKAGING SCIENCE AND TECHNOLOGY ABSTRACTS
- INTERNATIONAL AEROSPACE ABSTRACTS
- SEARCHABLE PHYSICS INFORMATION NOTICES
- POLLUTION ABSTRACTS
- SELECTED WATER RESOURCES ABSTRACTS
- BHRA FLUIDEX

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# 1987

## About NTIS

As a cornerstone of the technological publishing structure in the United States, the National Technical Information Service (NTIS) is a key participant in the development of advanced information products and services for the achievement of U.S. productivity and industrial innovation goals in the 1980's.

NTIS, an agency of the U.S. Department of Commerce, is the central source for the public sale of U.S. Government-sponsored research, development, and engineering reports, and for sales of foreign technical reports and other analyses prepared by national and local government agencies and their contractors or grantees.

And, it is the central source for:

federally generated machine-processable data files and software:

licensing U.S. Government-owned patents.

NTIS manages the:

**Center for the Utilization of Federal Technology (CUFT)** which alerts U.S. industry to specially selected technology having immediate practical value:

*Federal Software Exchange Center*, for the exchange of computer software among Federal agencies, with public availability through NTIS.

Consequently, NTIS is one of the world's leading processors of specialty information.

The NTIS information collection is approaching two million titles, several hundred thousand of which contain foreign technology or foreign marketing information. All are permanently available for sale, either directly from 80,000 titles in shelf stock or from microform master copies of documents that are less in demand. Annually, NTIS supplies its customers with more than six million documents and microforms, shipping about 24,000 information items daily.

Full summaries of current U.S. and foreign research reports and other specialized information, in hundreds of subject categories, are published regularly by NTIS in a wide variety of newsletters, journals, and indexes, and in a variety of subscription formats for other Federal agencies. The complete texts of the technical reports cited are sold in paper and microform.

Some 70,000 new technical reports of completed research are added annually to the *NTIS Bibliographic Database*. Anyone seeking the latest technical reports or wanting to compile unique subject groups of abstracts may search the *NTIS Bibliographic Database* online using the services of vendors or organizations that maintain the NTIS database for public use. The whole database in machine-readable form may be leased directly from NTIS.

The more timely documents in the NTIS collection are selected by category and sold as paperbound *Published Searches*, (research summaries) covering some 3,000 topical subject areas.

Customers with well-defined continuing interests may subscribe to a standing order microfiche service (*SRIM*) which enables them to automatically receive the full texts of only those documents relating to their individual requirements.

NTIS sells its technical information products and services under the provisions of Title 15 of the U.S. Code (115-1-7). The law established a clearinghouse for scientific, technical, and engineering information within the Department of Commerce and directed that it be self supporting.

NTIS, therefore, is a unique Government agency supported by its customers.

All costs, such as salaries, manufacturing, information acquisition, marketing and postage, are paid from sales income; not from tax-supported congressional appropriations, certain developmental programs excepted.

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**UNITED STATES DEPARTMENT OF COMMERCE**

**National Technical Information Service**

5285 Port Royal Road  
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\* \* \* \* \*

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For further information, please call me at (703) 487-4929.

Sincerely,

*Linda J. LaGarde*  
Linda J. LaGarde  
Product Manager

**OPTICS NEWS editor finds that NTIS Published Searches,  
“should be a most useful complement to any research program,  
particularly when one is just getting started.”**

## **NTIS Bibliographic Service An Aid to Optics Research**

Perhaps we can utilize this space briefly to describe a 1985 catalog we received the other day. It is not exactly a book, but rather a 144-page booklet, about the size of a standard journal (say, AO or JOSA). It lists the published searches that have been made by (and which can be purchased from) NTIS, the National Technical Information Service, Springfield, Va. 22161.

We remember once visiting NTIS, about a dozen years ago, and marvelling at the row upon row of technical reports and documents, and microfiche and microfilm of yet thousands and thousands more. This was not a library of items published in journals, but rather a repository of all of the technical reports on research funded by the U.S. government.

We tried to test their system by asking if they had a 1944 report on anti-knock additives for aircraft fuel that we had co-authored, and lo, they had the entire series of these reports! (We didn't inquire whether anybody besides the author had ever asked to see them.)

Well, the NTIS collection has continued to grow and accumulate and is now computerized. Furthermore, besides their own holdings of over a million RD&E reports from more than 300 federal agencies and their contractors, NTIS can also tap some 20 other databases in the U.S. and Western Europe, including SPIN and INSPEC.

SPIN, the Searchable Physics Information Notices, contains over 375,000 abstracts, including all journal articles published by the American Institute of Physics and 19 Soviet journals published in English translation, as well as most of the other American physics and astronomy journals.

INSPEC, (Information Services for the Physics and Engineering Communities), dates from 1969, totals over 2 million items, and is being added to at the rate of 190,000 per annum. INSPEC is about 53% physics, 28% electrical and electronics, and 19% computer and control.

The cost of an already published search is \$45, which is comparable to the cost of a couple of hours of a scientist's time in finding out what has been previously published in a given research area. We noticed several areas relating to optics: acousto-optics, adaptive optics, atmospheric effects on laser beams, Fourier holography, Fourier transform spectroscopy, and dozens of items under lasers, lidar, light communications.

The heading “Optics” included optical character recognition, optical coatings, optical communication, optical equipment, optical fibers, optical modulators, and optical storage. For example, in optical memory for computers, the NTIS database from 1970 to 1983 yielded 185 citations; the INSPEC database for the same time period yielded another 112 items, presumably different.

Other searches relate to infrared, to diodes, to videcons, to X-rays. Most searches are current (up to 1983 or 1984). Telex and Telecopier services at NTIS operate 24 hours a day, seven days a week. This sort of bibliographic service should be a most useful complement to any research program, particularly when one is just getting started.—

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**See pages 136,137 for  
ordering information, including  
credit card options and  
Rush Order service.**



# About Published Searches

Published Searches are bibliographies resulting from online computer searches of leading U.S. and international scientific and technical databases. Experienced information specialists design strategies to retrieve summaries of technical reports of high interest to NTIS customers. These summaries on a single subject are printed as economical, softcover Published Searches.

Each search gives you information available on a specific subject (e.g. industrial robots) from a single database (NTIS or one of over 20 others, including databases from the United Kingdom and Western Europe). The information for each report includes the researcher's or author's name, sponsor, accession number, and—in most instances—a summary (abstract) of the project.

You save money, time, and effort because the database searching has already been done for you—all you have to do is select the searches you need from this catalog and order them at \$45 each. When you receive your Published Search, it's easy to identify the reports and journal articles you will then want to order.

Published Searches are regularly evaluated and updated. Once you buy a Published Search, you will be notified automatically when it is updated. Published Searches are available for \$45 in paper copy or microfiche (\$80 outside North America).

## How To Use This Catalog

### Finding The Searches You Want

This Catalog lists Published Searches currently available for sale. It is designed to help you locate Searches of interest. Browse through the alphabetical subject listing, make your selections based on title, database searched, the date coverage and number of abstracts included in the Search.

Database descriptions on the following pages provide a bird's eye view of the coverage.

An asterisk(\*) next to a title means that there is an earlier volume of the same title available. For ordering information on earlier volumes, please call NTIS identification, (703) 487-4780.

A bullet(•) next to a title means that the title is new since the last catalog was issued.

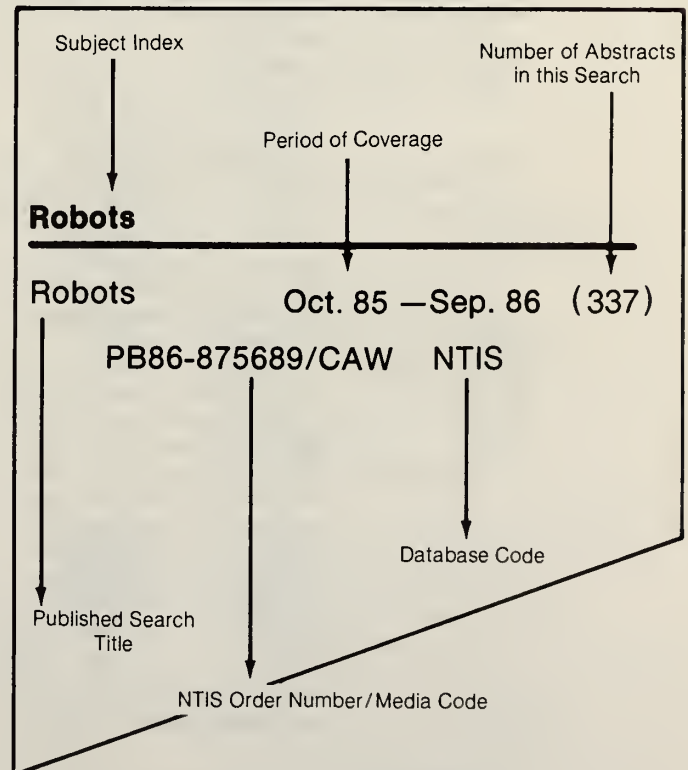
### Act Now!

Take this opportunity to quickly review the many NTIS Published Search titles available in your areas of interest. Keep the Catalog for future reference and let us know if you would like the next edition.

The few moments it takes you to review this catalog and complete one of the pullout order forms at the back of this book will pay off in significant savings of research time and dollars.

Your use of complete, correct order numbers will help us send your Published Searches without delay!

Here is a sample catalog entry:



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# Published Searches Give You a Head Start When You Need Scientific and Technical Information and Analyses

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## NTIS Offers You Searches of Numerous Important Databases

To multiply the potential benefits available to you through Published Searches, NTIS offers subject searches from other databases. Most databases now include abstracts as part of the bibliographic record but, in the beginning, a few did not. Therefore, some searches may contain titles only for items indexed during the early years of a file. World Textile Abstracts (WTA) did not add abstracts before January, 1983.

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### NTIS Bibliographic Database

As the central information source for federally sponsored research, NTIS receives some 250 research reports daily. Major corporations, trade associations, and university and private research facilities all contribute their results to NTIS. Some 350 Government sources include: NASA, National Bureau of Standards, Department of Energy, and Department of Defense. The NTIS Bibliographic Database also contains references to Government-generated software packages, statistical data files (available on magnetic tape as well as floppy diskette) and other NTIS subscription products. The database carries over one million records. 70,000 reports are added each year. The file is updated twice monthly and dates back to 1964.

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### American Petroleum Institute (API)

Covers worldwide journal and preprint literature since 1964 on topics such as petroleum processing, fuels and lubricants, petrochemicals, petroleum transportation and storage, environmental matters, and non-petroleum energy sources.

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### Engineering Information Inc. (EI)

Covers international journals, articles, and reports on prominent research and applications of technical ideas relevant to the field of engineering.

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### Food Science and Technology Abstracts (FSTA)

FSTA is the main database of International Food Information Service (IFIS). It covers the international literature since 1969 on all matters concerned with research and development in food science and technology.

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### U.S. Patent Bibliographic Database

The U.S. Patent and Trademark Office (PTO) produces and leases many machine-readable patent databases that are processed and offered to the public through commercial systems. The primary patent database, the Patent Full Text Database, has several subfiles. One of the subfiles, the Patent Bibliographic Database with Exemplary Claims, is used to produce Published Searches. *They are not to be construed as "legal" patent searches.*

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### International Aerospace Abstracts (IAA)

Contains more than 850,000 citations to worldwide articles related to aerospace research and technology and allied sciences.

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### Life Sciences Collection (LSC)

Contains 770,000 records updated monthly, with approximately 8,000 new entries covering microbiology, biochemistry, genetics, ecology, toxicology, entomology, animal behavior, immunology, neurosciences, and chemoreception.



<b><u>Energy Data Base (EDB)</u></b>	Contains more than 1 million references to worldwide scientific and technical information of interest to the U.S. Department of Energy; reports, journals, patents, translations, and conference proceedings. Covers all aspects of international research on nuclear science, coal, and biomass.	<b><u>RAPRA (The Database of Rubber and Plastics Research Association of Great Britain)</u></b>	Covers journal articles (approximately 60 percent of database), patents, trade literature, Government reports, etc., on chemistry and the chemical engineering of polymers as well as the technical and commercial aspects of rubber and plastics. The database contains approximately 240,000 items, with 23,000 added annually.
<b><u>Computer Database</u></b>	Contains comprehensive information pertaining to the computer, telecommunication and electronic industries. The file dates back to 1983 and includes over 200,000 records. Source material drawn from journals, newsletters, and conference proceedings with 2500 new records added monthly.	<b><u>Oceanic Abstracts (OCEANIC)</u></b>	Covers the worldwide literature in the field of marine research, with topics including marine geology, biology, geophysics, pollution, and marine resources (living and non-living). Each year approximately 10,500 items are added to the database, which at present consists of approximately 165,000 citations.
<b><u>Conference Papers Index (CONF)</u></b>	Contains more than 1,040,000 records with 3,000 added monthly. Covers the literature presented annually at regional, national, and international meetings on the topics of engineering, and physical sciences.	<b><u>Pollution Abstracts (POLLUTION)</u></b>	Contains 119,000 entries dealing with worldwide coverage of pollution-related topics such as air and water pollution, solid wastes, noise, pesticides, radiation, and general environmental quality.
<b><u>Management Contents</u></b>	Contains over 230,000 citations with almost 2,000 new documents being added each month. Over 150 business and law journals, newsletters, tabloids, proceedings and transactions are indexed and abstracted cover-to-cover.	<b><u>Research Association for the Paper &amp; Board, Printing &amp; Packaging Industries (PIRA)</u></b>	Database of approximately 110,000 items, covering mainly journal articles from industry-specific scientific, technical, marketing, and management literature. General coverage includes business, economics, management, education and training, forecasting, industrial relations, materials, occupational safety and health, pollution, production, and testing.
<b><u>Fluidex: (BHRA the Fluid Engineering Centre)</u></b>	Contains over 150,000 items, updated monthly covering the international literature on fluid engineering subjects from aerodynamics, seals, pumps to ports and off-shore technology. Source material drawn from over 1,000 scientific and technical journals scanned annually as well as reports, conferences, books, and standards.	<b><u>Searchable Physics Information Notices (SPIN)</u></b>	Contains over 400,000 abstracts, covering approximately one third of the world's physics and astronomy journal literature each year. Includes all journal articles published by the American Institute of Physics, nineteen Soviet journals, selected articles from Chinese journals, as well as most of the other American physics and astronomy journals.
<b><u>Metals Abstracts (METADEX)</u></b>	Produced and distributed by Materials Information, a joint service of ASM International and Institute of Metals (London), this database contains approximately 650,000 citations on extractive and physical metallurgy. Major literature sources are journal articles with 200 journals abstracted in their entirety and 1,800 journals reviewed for selected input to the database.	<b><u>World Textile Abstracts (WTA)</u></b>	Covers science, technology, economics, and technical management of textile and related industries, plus all relevant U.S. and U.K. patents. Operated by the Shirley Institute, the database consists of about 150,000 entries, of which 9,000 are new annually.

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**Information  
Services in  
Mechanical  
Engineering  
(ISMEC)**

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Database is devoted to world-wide coverage of mechanical engineering, production engineering, and engineering management and contains 165,000 records. Over 500 technical journals are screened each year for citations, yielding 15,000 new additions annually.

**Information  
Services  
for the  
Physics and  
Engineering  
Communities  
(INSPEC)**

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INSPEC dates from 1969, totals over 2.75 million items and is being added to at the rate of 220,000 per annum. Subject breakdown is approximately 53 percent physics, 28 percent electrical and electronics, and 19 percent computer and control.

**Selected  
Water  
Resources  
Abstracts  
(SWRA)**

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SWRA is the abstract journal of the Water Resources Scientific Information Center (WRSIC). The database became available in machine-readable form in 1969 and contains over 180,000 items with approximately 10,000 records being added per year. Major literature sources covered include scientific and technical journals (80 percent), Government reports (15 percent), patents (1 percent) and published proceedings (4 percent). SWRA covers all aspects of hydrology, hydraulics, water quality and water quantity when water is used as a resource. SWRA also covers the water-related aspects of life sciences, economic & legal aspects of the characteristics, conservation, control, use or management of water.

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**World Surface  
Coatings  
Abstracts  
(WSCA)**

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WSCA is a product of the Paint Research Association, Middlesex, England and contains 100,000 records dating from 1976 with 800 new citations added monthly. Subject coverage includes: pigments, synthetic resins, cellulose products, adhesives, corrosion, oils, solvents, varnishes and lacquers, inks, industrial hazards, storage and transport.

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**Packaging  
Science and  
Technology  
Abstracts  
(PSTA)**

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Contains over 18,000 abstracts gathered worldwide since 1982 on packaging economy, packaging science and institutions, packaging material, processing, equipment, packs and packages, transport and storage, testing and stress loading.

All Published Searches listed are available from NTIS at the low cost of \$45 each. Searches of other databases carry the designations (API), (EI), (FSTA), (PTO), (IAA), (SWRA), (PSTA), (LSC), (MC), (EDB), (BHRA), (METADEX), (RAPRA), (OCEANIC), (POLLUTION), (PIRA), (SPIN), (WTA), (CONF), (ISMEC), (COM), (INSPEC), or (WSCA) following the title to indicate the source.



# CURRENT PUBLISHED SEARCHES

## Ablation

- Ablation and Ablative Materials: Aerospace Applications and Materials Studies 1977-Apr 86 (308) Excludes plasma physics and nuclear fusion  
PB86-863453/CAW NTIS
- Heat Shields 1970-Jul 86 (126)  
PB86-870920/CAW Ei

## Abrasives and abrasion

- Abrasion Resistant Coatings for High Temperature Applications 1966-Oct 86 (343)  
PB86-867141/CAW METADEX
- \*Abrasion Resistant Steels: Surface Hardening and Wear Jul 83-Oct 85 (73)  
PB85-871549/CAW METADEX
- Abrasion-Resistant Coatings 1980-Mar 86 (336)  
PB86-861796/CAW WSC
- Abrasive Cleaning of Metal Surfaces 1966-1986 (360)  
PB87-852406/CAW METADEX
- Abrasive Grinding Wheels Jun 70-May 86 (177)  
PB86-864519/CAW Ei
- Abrasive Machining: A Surface Finishing Technique Apr 84-Mar 86 (53)  
PB86-860962/CAW METADEX
- Abrasive Machining: A Surface Finishing, Technique 1966-Mar 84 (346)  
PB85-856441/CAW METADEX
- Abrasive Wear of Hard Metals 1975-Nov 85 (230)  
PB86-851755/CAW INSPEC
- Abrasive Wear: Theoretical and Practical Considerations 1973-May 86 (251)  
PB86-867678/CAW ISMEC
- \*Natural and Synthetic Rubbers: Abrasion Resistance Aug 83-Oct 85 (199)  
PB85-871119/CAW RAPRA
- Polyester and Epoxy Resins: Abrasion Resistance 1977-Oct 85 (256)  
PB85-869907/CAW RAPRA
- Polyurethane Resins: Abrasion Resistance 1973-Oct 86 (289)  
PB86-876174/CAW RAPRA
- \*Surface Hardening Methods for the Prevention of Abrasive Wear Oct 83-Sep 85 (143)  
PB85-867331/CAW METADEX

## Absenteeism

- \*Employee Absenteeism Feb 84-Mar 86 (96)  
PB86-860897/CAW MC

## Acceleration stresses

- \*Stress Factors on Pilot Performance Feb 81-May 86 (131)  
PB86-868833/CAW NTIS

## Accelerometers

- Accelerometers 1970-May 85 (320)  
PB85-859999/CAW Ei
- Accelerometers 1970-Jun 85 (351)  
PB85-861789/CAW NTIS

## Accident prevention

- Motor Vehicle and Rail Accidents: Computer Analysis 1970-Sep 86 (213)  
PB86-875093/CAW NTIS
- Motorcycle Safety, Environmental Effects, and Performance Studies 1970-Feb 86 (228)  
PB86-857448/CAW NTIS

## Acid mine drainage

- \*Acid Mine Drainage Oct 78-Apr 86 (161)  
PB86-863024/CAW NTIS
- Acid Mine Drainage 1977-Nov 85 (243)  
PB86-850336/CAW SWRA

## Acid rain

- \*Acid Precipitation Sep 84-Aug 86 (317)  
PB86-873437/CAW Ei
- Acid Precipitation Jun 74-Apr 85 (166)  
PB85-860419/CAW IAA
- \*Acid Precipitation Aug 85-Jul 86 (181)  
PB86-871266/CAW POLLUTION
- \*Acid Precipitation Nov 83-Aug 85 (184)  
PB85-866432/CAW SWRA
- \*Acid Precipitation: Effects on Aquatic Ecosystems Oct 84-Sep 86 (283)  
PB86-874476/CAW EDB
- Acid Precipitation: Effects on Terrestrial Ecosystems Oct 83-Sep 84 (212)  
PB85-869998/CAW EDB
- \*Acid Precipitation: Effects on Terrestrial Ecosystems Oct 84-Sep 85 (309)  
PB85-870004/CAW EDB
- \*Acid Precipitation: Legal, Political, and Health Aspects Apr 85-Mar 86 (154)  
PB86-860475/CAW EDB

## Acoustic emissions

- Acoustic Emission Signal Analysis 1975-May 86 (245)  
PB86-867504/CAW INSPEC
- \*Nondestructive Testing: Acoustic Emission Techniques and Equipment May 82-Jan 85 (172) Excludes nuclear applications  
PB85-854222/CAW METADEX

## Acoustic holography

- Acoustic Holography: Image Reconstruction 1975-Aug 86 (323)  
PB86-873494/CAW INSPEC
- Non-Ultrasonic Acoustic Nondestructive Testing 1975-Jan 85 (255)  
PB85-854651/CAW INSPEC
- Nondestructive Testing: Acoustic Holography 1975-Sep 85 (295)  
PB85-868131/CAW INSPEC

## Acoustic measurement

- Acoustic Intensity Measurement 1975-Aug 86 (343)  
PB86-872694/CAW INSPEC
- Acoustics of Musical Instruments 1975-Jun 86 (322) Excludes architectural acoustics  
PB86-870169/CAW INSPEC
- Building Acoustics 1970-Nov 85 (298)  
PB86-850641/CAW Ei
- Building Acoustics 1970-Aug 85 (134)  
PB85-866028/CAW PTO

## Acoustic microscopy

- Acoustic Microscopy 1975-Aug 85 (326)  
PB85-865954/CAW INSPEC

## Acoustic surface waves

- \*Acoustic Surface Waves 1984-Mar 86 (174)  
PB86-865599/CAW Ei
- \*Acoustic Surface Waves Apr 76-Apr 86 (335)  
PB86-863123/CAW NTIS
- Piezoelectric Transducers: Surface Acoustic Wave Devices 1976-Oct 86 (111)  
PB86-875978/CAW IAA
- Surface Acoustic Wave Devices: Acoustic Delay Lines 1975-Feb 86 (350)  
PB86-859089/CAW INSPEC

## Acoustic waves

- Infrasonics: Theory and Applications 1975-Aug 86 (183)  
PB86-874922/CAW INSPEC

## Acoustooptics

- Acoustooptical Laser Modulators and Deflectors 1970-May 86 (295)  
PB86-866308/CAW Ei
- Acoustooptical Laser Modulators and Deflectors 1970-Nov 86 (253)  
PB87-851010/CAW NTIS

## Acrylic resins

- Acrylic Adhesives Jun 70-Sep 86 (236)  
PB86-875440/CAW Ei
- Acrylic Adhesives 1970-Feb 86 (126)  
PB86-859105/CAW NTIS
- \*Acrylic Adhesives Sep 83-Oct 85 (207)  
PB85-870863/CAW RAPRA
- Acrylic Coatings: Anticorrosive and Antifouling 1980-Mar 86 (148)  
PB86-861598/CAW WSC
- Acrylic Glass 1970-Jun 86 (192)  
PB86-869666/CAW Ei
- \*Acrylic Resins: Acrylates, Acrylamides, and General Studies Aug 85-Jul 86 (210) Excludes acrylonitrile and methacrylate polymers  
PB86-870847/CAW Ei
- Acrylic Resins: Methacrylate Polymers 1970-Mar 86 (300) Covers fabrication, polymerization, and properties  
PB86-864188/CAW NTIS
- Automobile Coatings: Acrylic and Alkyd Topcoats 1980-Mar 86 (181)  
PB86-861630/CAW WSC
- Thermoplastic Elastomers: Acrylic and Nylon Based 1977-Sep 85 (168)  
PB85-868008/CAW RAPRA

## Activated carbon

- \*Activated Carbon 1979-Sep 85 (269) Includes activated carbon treatment of sewage  
PB85-867539/CAW NTIS
- \*Activated Carbon: Utilization Excluding Industrial Waste Treatment Feb 83-Apr 86 (345)  
PB86-867744/CAW Ei
- Activated Charcoal 1970-Oct 86 (121) Excludes activated carbon  
PB86-875622/CAW Ei

## Activated sludge process

- \*Activated Sludge Treatment 1982-Mar 85 (107)  
PB85-856615/CAW LSC
- Pulp Mill Effluents: Activated Sludge Treatment Process 1976-Apr 86 (150)  
PB86-866977/CAW PIRA

## Ada

- \*ADA Programming Language 1985-1986 (415)  
PB87-852877/CAW INSPEC
- ADA Programming Language: Military Standardization 1970-May 86 (66)  
PB86-867280/CAW NTIS

## Adaptive communication

- Adaptive Communication 1970-Oct 86 (259)  
PB86-877107/CAW NTIS

## Adaptive control systems

- Adaptive Control Systems 1983-Apr 86 (96)  
PB86-864881/CAW COM
- Adaptive Control Systems: Manufacturing Industries 1975-Jun 85 (380)  
PB86-871092/CAW INSPEC
- Adaptive Control Systems: Medical and Pharmaceutical Applications 1975-May 85 (91)  
PB85-862431/CAW INSPEC



## Adaptive filters

Adaptive Filters 1970-Sep 85 (312)  
PB85-867737/CAW NTIS

## Adaptive optics

\* Adaptive Optics Sep 84-Oct 85 (54)  
PB85-870848/CAW IAA

\* Adaptive Optics May 83-Jun 85 (143)  
PB85-863421/CAW INSPEC

● Adaptive Optics 1970-Nov 86 (179)  
PB87-850178/CAW NTIS

## Additives

● Defoamers 1970-Oct 86 (122)  
PB86-876216/CAW PTO

● \*Plastics and Elastomers: Impact Strength Additives Jul 84-Aug 86 (110)  
PB86-872439/CAW RAPRA

## Adhesives

● Acrylic Adhesives Jun 70-Sep 86 (236)  
PB86-875440/CAW Ei

● Acrylic Adhesives 1970-Feb 86 (126)  
PB86-859105/CAW NTIS

\* Acrylic Adhesives Sep 83-Oct 85 (207)  
PB85-870863/CAW RAPRA

● Adhesives for Printed and Integrated Circuits 1975-Oct 86 (68)  
PB86-876182/CAW INSPEC

● Adhesives Used on Building Materials 1970-Mar 86 (235)  
PB86-862174/CAW Ei

● \*Adhesives: Properties, Preparation, and Applications Apr 82-May 86 (239)  
PB86-865821/CAW NTIS

● Anaerobic Adhesives and Sealants 1970-Nov 86 (93)  
PB87-850590/CAW PTO

● Anaerobic Adhesives and Sealants 1973-Nov 86 (144)  
PB87-850533/CAW RAPRA

● Dental Adhesives Jun 70-Jul 86 (173)  
PB86-871431/CAW NTIS

● Electrically Conductive and Insulative Adhesives 1970-Feb 86 (79)  
PB86-860269/CAW PTO

● Epoxy Adhesive Compositions 1970-Feb 86 (170)  
PB86-859972/CAW PTO

● Hot Melt Adhesives Jun 70-1985 (261)  
PB86-855871/CAW Ei

● Hot Melt Adhesives (Excluding Applications) 1973-Jul 86 (369)  
PB86-870730/CAW RAPRA

Hot Melt Adhesives in Packaging 1982-Nov 85 (67)  
PB85-872539/CAW PSTA

● Hot Melt Adhesives: Applications 1973-Feb 86 (241)  
PB86-858347/CAW RAPRA

● Hot-Melt Adhesives 1970-Feb 86 (146)  
PB86-857950/CAW PTO

● Metals and Alloys: Adhesive Bonding (Excluding Aluminum) 1970-Jul 86 (232)  
PB86-870680/CAW Ei

● Natural Adhesives Jun 70-May 86 (99)  
PB86-868494/CAW Ei

● Polyethylene Adhesion Jun 70-Oct 86 (164)  
PB86-876117/CAW Ei

● Polyimide Adhesives 1970-Mar 86 (85)  
PB86-859246/CAW PTO

● Polyurethane Adhesives 1980-Jan 86 (133)  
PB86-855954/CAW WSC

● Pressure Sensitive Adhesive Materials 1970-Apr 86 (185)  
PB86-862877/CAW PTO

● Pressure Sensitive Adhesives Jun 70-Oct 86 (143)  
PB86-876950/CAW Ei

● Rubber Based Adhesives 1980-Feb 86 (199)  
PB86-859709/CAW WSC

● Structural Adhesives: Formulations and Applications 1973-1985 (301)  
PB86-854932/CAW RAPRA

## Adipates

● Adipate Compounds 1973-Jan 86 (136)  
PB86-857117/CAW RAPRA

## Advertising

● Direct Mail 1981-Apr 86 (247)  
PB86-863362/CAW MC

● Display Packaging 1982-Nov 85 (52)  
PB86-851995/CAW PSTA

## Aeration

● Lake Restoration 1977-May 86 (215)  
PB86-864832/CAW SWRA

● Pulp Wastewater Treatment: Aeration Processes and Equipment 1976-Apr 86 (119)  
PB86-867132/CAW PIRA

## Aerodynamic characteristics

● Flight Equations of Motion: Computer Analysis 1970-1985 (329)  
PB86-855160/CAW NTIS

## Aerodynamic forces

Aerodynamic Forces on Motor Vehicles 1970-Oct 85 (240)  
PB85-872687/CAW Ei

Aerodynamic Forces on Motor Vehicles 1970-Jul 85 (177)  
PB85-864601/CAW NTIS

## Aerodynamics

\* Airfoils: Drag, Turbulent Flow, and Vibration Reduction Jul 84-Jun 85 (55)  
PB85-863363/CAW ISMEC

\* Boundary Layer Transition 1981-Mar 85 (153)  
PB85-856128/CAW NTIS

Canard Configurations 1972-Oct 85 (233)  
PB85-869295/CAW IAA

● Flight Equations of Motion: Computer Analysis 1972-Apr 86 (285)  
PB86-863735/CAW IAA

● \*Flow Visualization Jun 85-Apr 86 (98) Excludes shadowgraph, schlieren, and holographic techniques  
PB86-865300/CAW NTIS

● Vibrational Analysis in Aerodynamics 1970-Jul 86 (224)  
PB86-872322/CAW Ei

● Vibrational Analysis in Aerodynamics 1972-Jul 86 (337)  
PB86-871605/CAW IAA

● Vibrational Analysis in Aerodynamics 1970-Oct 86 (242)  
PB86-877032/CAW NTIS

● \*Wind Tunnel Testing 1983-Apr 86 (338)  
PB86-864758/CAW EDB

● Wind Tunnels 1976-Oct 86 (169)  
PB86-876703/CAW IAA

Winglets 1972-Oct 85 (60)  
PB85-870517/CAW IAA

## Aerosols

● Aerosol Packaging Industry 1982-Feb 86 (217)  
PB86-860624/CAW PSTA

● Aerosol Size Distribution and Classification 1976-Jul 86 (207)  
PB86-870870/CAW EDB

● Aerosol Size Distribution and Classification 1973-Aug 86 (146)  
PB86-873809/CAW NTIS

● \*Air Pollution Sampling of Particles Feb 81-Apr 86 (199)  
PB86-867496/CAW NTIS

● \*Chemical Analysis of Aerosols and Airborne Particulates Jul 80-Sep 86 (301) Excludes citations pertaining specifically to sampling techniques and particle size analysis  
PB86-875069/CAW NTIS

● Particle Collection: Methods and Applications Jun 70-Sep 86 (168) Excludes subatomic particles  
PB86-875739/CAW Ei

## Aerospace life support systems

● Life Support Systems for Aerospace and Marine applications 1970-Nov 85 (343)  
PB86-851557/CAW Ei

## Aerospace technology transfer

Aerospace Technology Transfer 1970-Oct 85 (245)  
PB85-869121/CAW NTIS

## Aflatoxin

Mycotoxin Carcinogenicity in Food 1972-Nov 85 (85)  
PB86-850070/CAW FSTA

## Aging(Biology)

● Aging and Nutrition 1978-Nov 86 (111)  
PB87-851770/CAW LSC

## Aging(Metallurgy)

● Aging of Cobalt Containing Alloys 1975-Apr 86 (225)  
PB86-862448/CAW INSPEC

## Agricultural economics

Developing Countries: Agricultural Economics 1971-Jan 85 (304)  
PB85-854586/CAW NTIS

## Agricultural machinery

● Agricultural Machines: Tillage, Planters, and Seeders 1970-Nov 85 (133)  
PB86-851987/CAW Ei

● Agricultural Tractors 1970-Feb 86 (178)  
PB86-861382/CAW Ei

● Developing Countries: Farm Equipment 1973-May 86 (144)  
PB86-867595/CAW NTIS

● Robotics and Automation on the Farm 1974-May 86 (157)  
PB86-869120/CAW INSPEC

## Agricultural wastes

Animal Waste Pollution, Treatment, and Regulations 1977-Jun 85 (314)  
PB85-863439/CAW SWRA

Biomass Conversion 1974-1984 (366)  
PB85-852937/CAW Ei

● \*Biomass Conversion from Agricultural Sources Mar 84-Mar 86 (328)  
PB86-859493/CAW EDB

\* Biomass Conversion: Methane Production from Agricultural Wastes Jun 84-Jul 85 (155)  
PB85-865046/CAW EDB

● Pyrolysis Processes: Applications in Agricultural Waste Energy Recovery 1976-Mar 86 (142)  
PB86-860798/CAW EDB

## Agriculture

● Agricultural Watersheds 1977-Sep 86 (263)  
PB86-874591/CAW SWRA

Arid and Semiarid Land Agriculture 1975-Oct 85 (51)  
PB85-869576/CAW NTIS

● Biotechnology Opportunities in Agriculture 1974-1986 (121)  
PB87-853255/CAW MC



- Dust Explosions: Combustible Particles and Controls 1970-Oct 86 (207)  
PB86-877420/CAW NTIS
- Glass Fiber Reinforced Plastics: Agricultural Applications 1973-Oct 86 (120) Excludes roofing materials and buildings applications; includes greenhouse structural supports  
PB87-850327/CAW RAPRA
- \* Nitrogen Fixation in Agriculture and Aquaculture Jun 83-Sep 85 (120)  
PB85-868651/CAW EDB
- Plastics and Rubbers: Horticultural Applications 1978-1985 (237)  
PB86-856101/CAW RAPRA
- Remote Sensing of Agricultural Resources Oct 73-Jan 86 (350)  
PB86-855947/CAW NTIS
- Solar Drying of Crops and Food 1970-Oct 86 (182)  
PB86-876612/CAW Ei

### Air filters

- Air Filters: Design, Performance, and Applications Feb 83-Mar 86 (289)  
PB86-858883/CAW EDB
- \* Air Pollution Control Using Particle Filtration Mar 82-Feb 85 (96) Excludes electrostatic precipitator studies  
PB85-855625/CAW NTIS
- Air Ventilation and Filtration 1970-May 86 (291)  
PB86-867785/CAW NTIS

### Air pollution

- \* Acid Precipitation Sep 84-Aug 86 (317)  
PB86-873437/CAW Ei
- \* Acid Precipitation Aug 85-Jul 86 (181)  
PB86-871266/CAW POLLUTION
- \* Acid Precipitation Nov 83-Aug 85 (184)  
PB85-866432/CAW SWRA
- Adsorption Processes: Pulp Mill Pollutants 1975-Apr 85 (215)  
PB85-858090/CAW PIRA
- Aerosol Size Distribution and Classification 1976-Jul 86 (207)  
PB86-870870/CAW EDB
- Aerosol Size Distribution and Classification 1973-Aug 86 (146)  
PB86-873809/CAW NTIS
- Air Pollution Emission Factors 1970-Jul 86 (378)  
PB86-871654/CAW NTIS
- \* Air Pollution Tracer Studies in the Lower Atmosphere May 85-Apr 86 (65)  
PB86-863800/CAW NTIS
- \* Atmospheric Modeling of Air Pollution Sep 84-Jan 86 (158) Excludes stratospheric studies as applied to high flying aircraft  
PB86-855970/CAW NTIS
- \* Cadmium Pollution May 83-May 85 (259)  
PB85-861607/CAW NTIS
- Carbon Dioxide and Climate 1970-May 86 (179)  
PB86-866563/CAW NTIS
- \* Chemical Analysis of Aerosols and Airborne Particulates Jul 80-Sep 86 (301) Excludes citations pertaining specifically to sampling techniques and particle size analysis  
PB86-875069/CAW NTIS
- Chemiluminescence: Measuring Methods 1976-Mar 86 (215)  
PB86-859568/CAW EDB
- Chemiluminescence: Measuring Methods 1970-Sep 85 (216)  
PB85-868289/CAW NTIS
- Controlling Odors Emitted from Packaging Materials 1976-Apr 86 (75) Barrier characteristics of packages are considered in another bibliography  
PB86-865284/CAW PIRA
- \* Desulfurization of Coal and Petroleum Oct 81-1984 (64) Excludes flue gas and other post-combustion sulfur control  
PB85-852945/CAW NTIS

- Environmental Impacts: Computer Analysis 1970-Sep 86 (342)  
PB86-874328/CAW NTIS
- \* Fly Ash Mar 85-Feb 86 (92) Includes studies on its formation, properties, control, and use  
PB86-858040/CAW Ei
- \* Fly Ash Apr 85-Mar 86 (94) Includes studies on its formation, properties, control, and use  
PB86-859279/CAW NTIS
- Hydrogen Chloride and Hydrochloric Acid Air Pollution 1976-1985 (223)  
PB86-854262/CAW EDB
- Hydrogen Chloride Air Pollution 1970-Apr 86 (202)  
PB86-863883/CAW NTIS
- \* Indoor Air Pollution Nov 84-Oct 86 (386)  
PB86-877362/CAW EDB
- Indoor Air Pollution: Sources and Control 1970-Nov 86 (118) Indoor air pollution from radon and asbestos are included in other bibliographies  
PB87-851754/CAW NTIS
- Marine Fuels 1973-Oct 86 (187)  
PB87-851515/CAW ISMEC
- Natural Gas: Alternative Automotive Fuel 1976-1985 (110)  
PB86-856689/CAW EDB
- \* Odor Pollution 1977-Apr 86 (145)  
PB86-862000/CAW NTIS
- Oil Burners: Crude Oil, Atomization, and Combustion Efficiency 1970-Apr 85 (294)  
PB85-860427/CAW Ei
- Oil Burners: Crude Oil, Atomization, and Combustion Efficiency 1970-Mar 85 (176)  
PB85-857068/CAW NTIS
- Particle Collection: Methods and Applications Jun 70-Sep 86 (168) Excludes subatomic particles  
PB86-875739/CAW Ei
- \* Pollution Caused by Ammunition Manufacturing Feb 83-Sep 86 (111)  
PB86-875788/CAW NTIS
- Pollution Effects of Beryllium and Beryllium Compounds 1970-Mar 85 (139)  
PB85-858694/CAW NTIS
- \* Polychlorinated Biphenyls in the Environment Sep 80-Apr 86 (349)  
PB86-862216/CAW NTIS
- Remote Sensing Applied to Environmental Pollution Detection and Management 1970-1985 (257)  
PB86-854098/CAW NTIS
- Styrenes: Industrial Health Hazards 1977-Nov 85 (179)  
PB85-871879/CAW RAPRA
- \* Uranium Mining and Milling Environmental Studies Feb 84-Mar 85 (163)  
PB85-857589/CAW NTIS
- Urea Formaldehyde in Building Materials 1973-Nov 86 (320)  
PB87-851952/CAW RAPRA
- \* Waste Processing and Pollution in the Chemical and Petrochemical Industries Mar 83-Nov 85 (245)  
PB86-852381/CAW NTIS

### Air pollution abatement

- Automotive Emission Standards 1970-Apr 86 (251)  
PB86-865276/CAW POLLUTION
- Coal Desulfurization 1970-Jul 85 (141)  
PB85-865350/CAW Ei
- \* Coal Fines: Preparation Sep 85-Aug 86 (177)  
PB86-872561/CAW EDB
- Diesel Fuel Additives 1979-May 86 (168)  
PB86-868544/CAW EDB
- Flotation Separation of Coal: Reagents 1976-Oct 85 (299)  
PB85-870657/CAW EDB
- Gasoline Fuel Additives 1976-Jul 86 (332)  
PB86-871464/CAW EDB

- Magnetic Separation in the Coal Industry 1970-Jan 86 (127)  
PB86-856028/CAW NTIS

### Air pollution control

- \* Air Pollution Control Equipment: Catalytic Converters 1983-Jun 86 (74)  
PB86-869112/CAW Ei
- \* Air Pollution Control Using Particle Filtration Mar 82-Feb 85 (96) Excludes electrostatic precipitator studies  
PB85-855625/CAW NTIS
- Air Ventilation and Filtration 1970-May 86 (291)  
PB86-867785/CAW NTIS
- Alcohol Fuels 1970-Aug 85 (88)  
PB85-865988/CAW PTO
- AIR Pollution Control and Abatement: Computer Analysis 1970-Oct 85 (126)  
PB85-871572/CAW Ei
- Filtration and Flocculation in Industrial Processes 1973-Aug 85 (200)  
PB85-866457/CAW BHRA FLUID
- Flare Emissions and Control 1976-1985 (110)  
PB86-854254/CAW EDB
- Flue Gas Desulfurization 1970-Mar 86 (307)  
PB86-861622/CAW Ei
- Fluidized Bed Combustion 1964-Aug 84 (161)  
PB85-800027/CAW API
- \* Fluidized Bed Combustion 1984-Jan 86 (251)  
PB86-855327/CAW NTIS
- \* Food Processing Waste Treatment 1976-1985 (160)  
PB86-854247/CAW NTIS
- Gas Scrubbers 1970-Feb 85 (204)  
PB85-855484/CAW PTO
- \* Gas Scrubbers Used in Pollution Control 1979-Mar 86 (331)  
PB86-859915/CAW Ei
- Internal Combustion Engines: Catalytic Converters 1976-1985 (363)  
PB86-856176/CAW EDB
- Internal Combustion Engines: Exhaust Recirculation Systems 1976-Nov 84 (249)  
PB85-851046/CAW EDB
- Magnetic Separation in the Coal Industry 1970-Jan 86 (127)  
PB86-856028/CAW NTIS
- \* Sulfur Dioxide Control Nov 81-Apr 86 (362) Excludes fuel desulfurization  
PB86-867967/CAW NTIS
- Toxic Material Control in the Metal Joining and Finishing Industries 1966-Apr 85 (240)  
PB85-857449/CAW METADEX
- Wood Burning Furnaces: Pollution and Environments 1978-Oct 85 (103)  
PB85-871218/CAW EDB
- \* Zeolites in Catalysis Jun 83-Feb 85 (235)  
PB85-854826/CAW EDB

### Air pollution control equipment

- Air Filters: Design, Performance, and Applications Feb 83-Mar 86 (289)  
PB86-858883/CAW EDB

### Air pollution detection & monitoring

- \* Air Pollution Sampling of Particles Feb 81-Apr 86 (199)  
PB86-867496/CAW NTIS
- \* Air Sampling Devices Feb 85-Jan 86 (57)  
PB86-855434/CAW EDB
- \* Chromatography for Air Pollution Analysis Jul 85-Jun 86 (103)  
PB86-869559/CAW EDB
- Flue Gases: Detection, Sampling, and Analysis 1978-Jul 86 (319)  
PB86-871290/CAW NTIS



- \*Light Detection and Ranging (LIDAR) Aug 84-Jul 86 (114) Concerns mainly atmospheric applications  
PB86-871118/CAW NTIS

## Air pollution effects

- \*Acid Precipitation: Effects on Aquatic Ecosystems Oct 84-Sep 86 (283)  
PB86-874476/CAW EDB
- Acid Precipitation: Effects on Terrestrial Ecosystems Oct 83-Sep 84 (212)  
PB85-869998/CAW EDB
- Air Pollution Effects on Materials 1970-Oct 85 (201)  
PB85-870442/CAW NTIS
- \*Air Pollution Effects on Plants Apr 76-Aug 85 (338)  
PB85-866564/CAW NTIS
- Asbestos: Chronic Health Effects 1978-Apr 86 (301)  
PB86-866332/CAW LSC
- Carbon Monoxide Toxicity 1978-1985 (282)  
PB86-853132/CAW LSC
- Cigarette Pollution Effects on Humans 1978-Oct 86 (303)  
PB86-875895/CAW POLLUTION
- Diagnosis of Occupational Pulmonary Disorders 1976-Nov 84 (183)  
PB85-850873/CAW EDB
- Lead Exposure: Public and Occupational Health Hazards 1972-Apr 86 (160)  
PB86-865698/CAW POLLUTION
- Plastics and Elastomers: Ozone Degradation 1973-1986 (187)  
PB87-852604/CAW RAPRA
- Toxicity of Selenium 1976-Oct 85 (349)  
PB85-869204/CAW EDB
- \*Toxicity of Zinc Jul 85-Jun 86 (48)  
PB86-869328/CAW NTIS
- Toxicology of Ozone 1970-Nov 86 (338) Covers the effects on plants, animals, and humans  
PB87-851176/CAW NTIS

## Air sea rescues

- Search and Rescue Methods and Equipment 1970-Apr 85 (260)  
PB85-857324/CAW NTIS

## Air traffic control

- Airborne Collision Avoidance Systems 1972-Aug 86 (94) Excludes systems which involve only ground equipment and controller communication to the pilot.  
PB86-874963/CAW IAA

## Air water interactions

- Air-Sea Interaction Instrumentation Jun 70-Jun 85 (287)  
PB85-863504/CAW NTIS
- Remote Sensing of the Oceans: Dynamics 1970-Sep 85 (309)  
PB85-867620/CAW NTIS

## Airborne/spaceborne computers

- \*Aerospace Computer Systems: Avionics Applications Aug 81-Sep 85 (337)  
PB85-868826/CAW NTIS
- \*Aerospace Computer Systems: Space and Guided Missile Applications Dec 84-Nov 86 (226)  
PB87-851556/CAW NTIS
- Expert Systems: Aerospace Applications 1972-1985 (76)  
PB86-853397/CAW IAA

## Aircraft

- Airborne Collision Avoidance Systems 1972-Aug 86 (94) Excludes systems which involve only ground equipment and controller communication to the pilot.  
PB86-874963/CAW IAA

- Aircraft Antennas 1975-Nov 86 (242)  
PB87-851267/CAW INSPEC
- \*Aircraft Antennas 1983-Nov 85 (71)  
PB86-851490/CAW NTIS
- Aircraft Flight Control Systems 1970-Sep 85 (129)  
PB85-867299/CAW PTO
- Aircraft: Computer Applications 1973-May 85 (169)  
PB85-860252/CAW ISMEC
- \*Aircraft: Computerized Simulation Dec 82-Apr 85 (129)  
PB85-859551/CAW Ei
- \*Aircraft: Computerized Simulation Nov 82-Jul 86 (133) Excludes flight simulators for crew training  
PB86-871852/CAW NTIS
- \*Airfoils: Drag, Turbulent Flow, and Vibration Reduction Jul 84-Jun 85 (55)  
PB85-863363/CAW ISMEC
- Bird Strikes and Aviation Safety 1970-1985 (176) Includes windshield strikes and engine ingestion  
PB86-854213/CAW NTIS
- Flight Equations of Motion: Computer Analysis 1972-Apr 86 (285)  
PB86-863735/CAW IAA
- Life Support Systems: Aircraft and Marine Applications 1970-Jan 86 (350)  
PB86-857349/CAW NTIS
- Microprocessors: Aircraft and Avionics 1975-Jun 85 (142)  
PB85-863462/CAW NTIS
- Plastic Fuel Tanks in Automobiles and Aircraft 1973-1986 (247)  
PB87-852570/CAW RAPRA
- \*Remotely Piloted Vehicles Nov 75-Apr 86 (349) Includes aircraft, drones, and extraterrestrial vehicles  
PB86-862992/CAW NTIS
- Winglets 1972-Oct 85 (60)  
PB85-870517/CAW IAA

## Aircraft engines

- Advanced Propfans 1972-May 86 (89)  
PB86-868965/CAW IAA
- Aircraft Gas Turbine Engines: Noise Reduction and Vibration Control 1973-Jul 86 (279)  
PB86-871456/CAW ISMEC
- Ceramics Technology: Aircraft Engine Component Applications 1970-Oct 86 (49)  
PB86-876356/CAW Ei
- Ceramics Technology: Aircraft Engine Component Applications 1970-Oct 86 (61)  
PB86-876364/CAW NTIS
- Helicopter Engines Jun 74-Aug 85 (281)  
PB85-866093/CAW IAA
- Helicopter Engines Jun 70-Jul 86 (350)  
PB86-871233/CAW NTIS

## Aircraft equipment

- Aircraft Hydraulic Systems 1970-Jun 85 (76)  
PB85-862548/CAW PTO
- Aircraft Landing Brakes Jun 70-Apr 85 (192)  
PB85-858660/CAW NTIS
- Landing Brakes for Airplanes Jun 74-Jul 85 (153)  
PB85-864502/CAW IAA

## Aircraft instruments

- Integrated Multisensor Displays Jul 76-Jul 86 (63)  
PB86-871555/CAW INSPEC
- Integrated Multisensor Displays 1970-Jul 86 (90)  
PB86-871332/CAW NTIS

## Aircraft landing

- Aircraft Landing Brakes Jun 70-Apr 85 (192)  
PB85-858660/CAW NTIS

- Landing Brakes for Airplanes Jun 74-Jul 85 (153)  
PB85-864502/CAW IAA

## Aircraft noise

- Noise Control for Aircraft 1975-1985 (314)  
PB86-854601/CAW INSPEC

## Airfields

- \*Airport Runways Nov 84-Jan 86 (52)  
PB86-859998/CAW Ei

## Alarm systems

- Building Intrusion Detection and Alarm Systems 1970-Apr 86 (122)  
PB86-865417/CAW PTO

## Alcohol fuels

- \*Alcohol Fuels Oct 85-Aug 86 (129)  
PB86-874443/CAW Ei
- \*Alcohol Fuels Sep 84-Aug 85 (182)  
PB85-866325/CAW NTIS
- Alcohol Fuels 1970-Aug 85 (88)  
PB85-865988/CAW PTO
- \*Fermentation Processes: Alcohol Fuels Jul 83-May 86 (295)  
PB86-866704/CAW EDB

## Alcohol ingestion

- \*Drinking Drivers 1979-Mar 86 (305)  
PB86-859220/CAW NTIS

## Alcoholism

- Drug Abuse 1975-Apr 86 (206)  
PB86-867314/CAW MC

## Alcohols

- Alcohol Breath Analysis 1970-Mar 86 (55)  
PB86-860210/CAW PTO
- Biomass Conversion: Ethanol Production by Yeasts 1980-Feb 86 (259)  
PB86-860723/CAW EDB
- \*Psychotropic Drug Research Dec 81-1984 (56)  
PB85-853232/CAW NTIS

## Algae

- \*Algae: Control and Growth in Lakes and Streams Oct 84-Oct 86 (124)  
PB86-877313/CAW SWRA
- Nitrogen Fixation 1977-Sep 85 (135)  
PB85-868412/CAW SWRA

## Algebraic equations

- Computer Computation: Mathematics Excluding Statistics and Probability Theory Feb 83-Jul 85 (339)  
PB85-865400/CAW NTIS

## Allelochemicals

- Allelochemicals 1978-Mar 86 (187)  
PB86-861986/CAW LSC

## Allergic diseases

- Food Allergy and Hypersensitivity 1973-1985 (224)  
PB86-854999/CAW FSTA
- Food Allergy and Hypersensitivity 1980-Jun 86 (130)  
PB86-871506/CAW LSC

## Alphanumeric symbols

- Alphanumeric Displays 1975-Jan 86 (309)  
PB86-856093/CAW INSPEC
- Handwriting Recognition by Computer 1975-Sep 86 (88)  
PB86-875002/CAW INSPEC
- \*Optical Character Recognition Feb 81-Jul 86 (262)  
PB86-870946/CAW Ei



- Optical Character Recognition 1970-Aug 86 (143)  
PB86-873841/CAW NTIS

## Altimeters

- Radar Altimeters 1975-Apr 86 (116)  
PB86-866993/CAW INSPEC
- Satellite Altimeters 1970-Jun 85 (172)  
PB85-863306/CAW NTIS

## Aluminum & aluminum alloys

- Adhesive Bonding of Aluminum and Aluminum Alloys 1970-1986 (255)  
PB87-852935/CAW Ei
- Adhesive Bonding of Aluminum and Aluminum Alloys 1973-Jun 86 (310)  
PB86-873403/CAW RAPRA
- Aluminum and Aluminum Alloys: Cryogenic Properties 1970-Sep 86 (210)  
PB86-874237/CAW Ei
- Aluminum and Aluminum Alloys: Nonmetallic Inclusions 1967-1985 (350)  
PB86-855418/CAW METADEX
- \*Aluminum Castings Jul 84-Jun 86 (118)  
PB86-870078/CAW Ei
- Aluminum Foils and Strips for Packaging 1982-Feb 86 (68)  
PB86-860657/CAW PSTA
- Aluminum Production: The Hall-Heroult Process 1966-Feb 85 (222)  
PB85-855690/CAW METADEX
- Aluminum-Four Percent Copper Alloys: Mechanical and Metallurgical Properties 1966-Apr 85 (317)  
PB85-858181/CAW METADEX
- \*Anodizing Aluminum Aug 85-Jul 86 (49)  
PB86-872025/CAW Ei
- Anodizing Aluminum 1974-Jun 86 (137)  
PB86-870128/CAW IAA
- Anodizing Aluminum Jun 70-1985 (188)  
PB86-853678/CAW NTIS
- Brazing and Soldering Aluminum Jun 70-Aug 85 (152)  
PB85-867034/CAW Ei
- Brazing and Soldering Aluminum 1970-Jul 85 (167)  
PB85-863876/CAW NTIS
- \*Chromate Coatings for the Protection of Aluminum and Zinc Surfaces Mar 85-Mar 86 (57)  
PB86-861176/CAW METADEX
- Corrosion Prevention of Steels and Aluminum: Vitreous Enameling 1966-May 86 (230)  
PB86-866738/CAW METADEX
- Corrosion Protection of Aluminum and Aluminum Alloys 1973-Nov 86 (190)  
PB87-850566/CAW ISMEC
- Hydrogen Embrittlement: Aluminum and Aluminum Alloys 1973-May 85 (149)  
PB85-859932/CAW IAA
- Laser Welding: Aluminum 1966-Nov 86 (131)  
PB87-851341/CAW METADEX
- Lightweight Alloys 1966-Jul 85 (68)  
PB85-865103/CAW METADEX
- Phosphate Coatings: Aluminum and Aluminum Alloys 1980-Feb 86 (102)  
PB86-860335/CAW WSC
- Pitting Corrosion of Aluminum and Aluminum Alloys 1970-Jan 86 (117)  
PB86-857653/CAW Ei
- \*Powder Metallurgy of Aluminum and Aluminum Alloys Feb 84-May 86 (173)  
PB86-867421/CAW Ei
- \*Powder Metallurgy of Aluminum and Aluminum Alloys Mar 82-Mar 86 (88)  
PB86-860483/CAW NTIS
- Protective Coatings for Aluminum and Aluminum Alloys 1966-Sep 86 (376) Excludes electroplating applications  
PB86-875192/CAW METADEX

- Sulfuric Acid Anodizing of Aluminum and Aluminum Alloys 1966-Nov 85 (185)  
PB85-871606/CAW METADEX

- Superplastic Alloys: Properties and Microstructure 1979-Sep 85 (177)  
PB85-869287/CAW METADEX

- Welding of Dissimilar Metals: Aluminum and Steel 1968-Nov 85 (234)  
PB85-871598/CAW METADEX

## Aluminum gallium arsenides

- \*Gallium Aluminum Arsenides: Electrical and Optical Properties 1966-Jun 86 (377)  
PB86-869211/CAW METADEX

## Ambulatory health care

- Health Care Costs: Ambulatory Health Care Sep 75-Sep 86 (303)  
PB86-875937/CAW NTIS

## Ammunition plants

- \*Pollution Caused by Ammunition Manufacturing Feb 83-Sep 86 (111)  
PB86-875788/CAW NTIS

## Amorphous materials

- Acrylic Glass 1970-Jun 86 (192)  
PB86-869666/CAW Ei
- \*Amorphous Alloys: Cobalt Base Feb 83-Feb 85 (184)  
PB85-855641/CAW METADEX
- \*Amorphous Alloys: Iron Base Aug 83-Apr 86 (294)  
PB86-866092/CAW METADEX
- Amorphous Alloys: Magnetic Films 1971-Jun 85 (127)  
PB85-862274/CAW METADEX
- Amorphous Alloys: Magnetic Properties 1976-Feb 86 (199)  
PB86-859717/CAW EDB
- Amorphous Alloys: Magnetic Properties 1975-Mar 86 (241)  
PB86-861465/CAW INSPEC
- Amorphous Polymeric Films 1973-Nov 85 (216)  
PB86-852258/CAW RAPRA
- Amorphous Silicon Thin Films 1970-Jun 85 (352)  
PB85-861938/CAW Ei
- Magnetic Structure and Properties of Rare-Earth Glassy Alloys 1975-Sep 85 (250)  
PB85-868263/CAW INSPEC
- Magnetostriction: Thin Films and Metallic Glasses 1975-1985 (211)  
PB86-852936/CAW INSPEC

## Amorphous semiconductors

- Amorphous Semiconductors 1970-Jan 85 (80)  
PB85-854123/CAW PTO

## Amplifiers

- Gallium Arsenide Field Effect Transistor Amplifiers 1975-Feb 86 (198)  
PB86-857992/CAW INSPEC
- \*Low Noise Amplifiers and Preamplifiers Mar 84-Jan 86 (132)  
PB86-857695/CAW INSPEC
- Microwave Amplifier Design 1975-Mar 86 (285)  
PB86-862711/CAW INSPEC

## Amyloglucosidase

- Amyloglucosidase 1972-Feb 86 (56)  
PB86-859857/CAW FSTA

## Anaerobic processes

- Developing Countries: Bioconversion Technology 1979-May 85 (124)  
PB85-861243/CAW EDB

## Analog to digital converters

- \*Analog to Digital Converters Apr 85-Feb 86 (75)  
PB86-859733/CAW INSPEC

## Anelasticity

- Anelastic Behavior of Metals Under Stress 1966-May 85 (235)  
PB85-859247/CAW METADEX

## Animal ecology

- Ecology of Marine Crustaceans 1978-Aug 85 (108)  
PB85-866168/CAW LSC

## Animal wastes

- Pet Waste Disposal Products for Home or Kennel Use 1970-Jul 86 (93)  
PB86-872629/CAW PTO

## Anodizing

- \*Anodizing Aluminum Aug 85-Jul 86 (49)  
PB86-872025/CAW Ei
- Anodizing Aluminum 1974-Jun 86 (137)  
PB86-870128/CAW IAA
- Anodizing Aluminum Jun 70-1985 (188)  
PB86-853678/CAW NTIS
- Sulfuric Acid Anodizing of Aluminum and Aluminum Alloys 1966-Nov 85 (185)  
PB85-871606/CAW METADEX

## Antarctic regions

- Cold Weather Construction 1970-May 86 (230)  
PB86-870227/CAW NTIS
- Oil Spills and Oil Pollution in the Arctic and Antarctic 1970-1984 (99)  
PB85-852903/CAW POLLUTION
- \*Protective Clothing: Survival, Aircraft, and Combat Environments Aug 81-Nov 86 (200)  
PB87-850699/CAW NTIS

## Antenna arrays

- \*Antenna Arrays Nov 84-Oct 85 (101) Excludes phased arrays  
PB85-871176/CAW Ei
- \*Antenna Arrays Aug 81-Oct 86 (312) Excludes phased arrays  
PB86-876471/CAW NTIS
- Phase Shifters in Antenna Systems 1970-May 86 (145)  
PB86-869195/CAW PTO
- \*Phased Arrays Jun 82-Jan 86 (193)  
PB86-856960/CAW NTIS

## Antennas

- Aircraft Antennas Jun 74-Oct 86 (381)  
PB86-876752/CAW IAA
- Aircraft Antennas 1975-Nov 86 (242)  
PB87-851267/CAW INSPEC
- \*Aircraft Antennas 1983-Nov 85 (71)  
PB86-851490/CAW NTIS
- Amateur Radio: Antennas 1975-1986 (112)  
PB87-852158/CAW INSPEC
- Antenna Sidelobe and Interference Reduction 1970-Feb 86 (269)  
PB86-858214/CAW NTIS
- Cassegrain Antennas 1975-Jul 85 (144)  
PB85-864924/CAW INSPEC
- Green's Functions: Antenna Design Applications 1972-May 86 (138)  
PB86-866084/CAW IAA
- \*Microwave Antennas: Design Nov 85-Oct 86 (54)  
PB86-876091/CAW IAA
- Microwave Antennas: Design 1975-Oct 86 (261)  
PB86-875911/CAW INSPEC
- Scanning Antennas 1974-Jun 86 (252)  
PB86-868809/CAW INSPEC
- \*Strip Transmission Lines Nov 84-Oct 85 (137)  
PB85-870541/CAW Ei
- \*Strip Transmission Lines 1979-Aug 85 (303)  
PB85-865814/CAW NTIS



- Television Receiving Antennas 1975-May 86 (218)  
PB86-868734/CAW INSPEC
- Yagi-UDA Antennas 1975-Nov 86 (134)  
PB87-850160/CAW INSPEC

## Anthropometry

- Anthropometry 1970-Jul 86 (157)  
PB86-873361/CAW Ei
- Anthropometry Jun 74-Apr 86 (149)  
PB86-864030/CAW IAA
- \*Anthropometry: Basic Studies and Applications 1976-Mar 86 (263)  
PB86-859212/CAW NTIS

## Antibacterials

- Antimicrobial Agents for Textiles 1970-Mar 86 (109)  
PB86-861929/CAW PTO

## Antibodies

- Genetic Engineering: Monoclonal Antibodies 1980-Feb 85 (50)  
PB85-855369/CAW PTO
- Polyclonal Antibodies 1978-Sep 86 (135)  
PB86-874377/CAW LSC

## Antidepressants

- Antidepressant Drugs: Neurobiological Studies 1982-Jan 86 (151)  
PB86-856499/CAW LSC

## Antifoaming agents

- Defoamers 1970-Oct 86 (122)  
PB86-876216/CAW PTO

## Antifogging

- Antifogging Devices 1970-Mar 86 (73)  
PB86-862117/CAW PTO

## Antifouling coatings

- Acrylic Coatings: Anticorrosive and Antifouling 1980-Mar 86 (148)  
PB86-861598/CAW WSC
- Antifouling Coatings and Paints 1970-Jun 86 (89) Use for protection of marine vessels and structures is emphasized  
PB86-870250/CAW PTO
- Antifouling Coatings for Marine Environments 1976-Jul 86 (169)  
PB86-870789/CAW EDB
- Antifouling Coatings: Marine Applications 1970-1985 (171)  
PB86-855491/CAW Ei
- Antifouling Coatings: Marine Applications 1974-1986 (235)  
PB87-852026/CAW OCEANIC
- \*Antifouling Coatings: Marine Applications Apr 85-May 86 (95)  
PB86-867553/CAW WSC
- Epoxy Coatings: Anticorrosive and Antifouling 1980-Mar 86 (246)  
PB86-861440/CAW WSC

## Antigens

- Hla Typing 1978-Aug 85 (126)  
PB85-866275/CAW LSC

## Anticing additives

- Aviation Fuel Additives 1970-Jun 86 (160)  
PB86-868700/CAW NTIS

## Antiintrusion devices

- Automotive Anti-Theft Devices 1970-Mar 86 (246)  
PB86-862166/CAW PTO
- Electronic Security Devices and Systems 1970-Jul 86 (140)  
PB86-872009/CAW PTO

- Intrusion and Weapon Detection: Crime Prevention 1970-Feb 86 (214)  
PB86-858271/CAW Ei
- Intrusion and Weapon Detection: Crime Prevention 1970-Jan 86 (301)  
PB86-857604/CAW NTIS
- Security Devices Feb 78-Jul 86 (301)  
PB86-872132/CAW EDB
- Security Devices Apr 77-Aug 86 (356)  
PB86-873486/CAW Ei

## Antijamming

- \*Electronic Countermeasures and Electronic Counter Countermeasures Jun 82-Nov 86 (353)  
PB87-850129/CAW NTIS

## Antiknock additives

- Fuel Additives 1970-Jul 86 (156) Includes additives in automotive, diesel, and boiler fuels  
PB86-871209/CAW Ei
- Gasoline Fuel Additives 1976-Jul 86 (332)  
PB86-871464/CAW EDB

## Antioxidants

- Antioxidants and Stabilizers for Plastics Aug 83-Oct 85 (163)  
PB85-870665/CAW Ei
- Antioxidants and Stabilizers for Rubber Jun 70-Aug 86 (186)  
PB86-873544/CAW Ei
- Aviation Fuel Additives 1970-Jun 86 (160)  
PB86-868700/CAW NTIS
- Diesel Fuel Additives 1979-May 86 (168)  
PB86-868544/CAW EDB
- Food Antioxidants: Analytical Techniques 1972-Jul 85 (158)  
PB85-864973/CAW FSTA
- Fuel Additives 1970-Jul 86 (156) Includes additives in automotive, diesel, and boiler fuels  
PB86-871209/CAW Ei
- Gasoline Fuel Additives 1976-Jul 86 (332)  
PB86-871464/CAW EDB

## Antiradar and sonar coatings

- \*Camouflage Oct 84-Apr 86 (51)  
PB86-864279/CAW NTIS

## Antiseptics

- Disinfectants: Phenolic Compounds 1978-Nov 85 (143)  
PB86-852225/CAW LSC
- Disinfectants: Quaternary Ammonium Salts 1978-Jun 86 (143)  
PB86-869765/CAW LSC
- Water Treatment: Disinfectants and Antiseptics 1976-Oct 86 (135)  
PB86-876778/CAW EDB

## Antistatic agents

- Antistatic and Dust Repellant Coatings 1980-Nov 86 (145)  
PB87-850640/CAW WSC
- Antistatics in Textiles and Fabrics 1970-Aug 86 (150)  
PB86-873064/CAW PTO

## Antisubmarine warfare

- Submarine Detection Equipment Jun 70-1986 (263)  
PB87-852919/CAW NTIS

## Antiviral agents

- Antiviral Activity of Interferon 1978-Mar 86 (145)  
PB86-861689/CAW LSC
- Interferon 1970-1985 (146)  
PB86-854445/CAW PTO
- Interferon: Treatment for Cancer 1978-Aug 85 (225)  
PB85-867091/CAW LSC

## Apl programming language

- APL Programming Language 1975-1986 (221) Excludes use in mathematics, arrays, or matrix analysis  
PB87-853008/CAW INSPEC
- APL Programming Language: Mathematics and Arrays 1975-Jan 86 (108)  
PB86-856564/CAW INSPEC

## Apple computers

- Apple Lisa Computer 1983-Oct 85 (73)  
PB85-871804/CAW INSPEC
- Microcomputers: Apple Computer Games 1980-Jul 85 (146)  
PB85-864825/CAW INSPEC
- Microcomputers: Apple Computers in Education 1979-Apr 86 (150)  
PB86-865151/CAW INSPEC
- Microcomputers: Apple Computers in Medicine and in the Laboratory 1980-May 86 (187)  
PB86-868874/CAW INSPEC
- Microcomputers: Apple Graphics 1978-May 86 (325) Excludes computer games  
PB86-867579/CAW INSPEC
- Microcomputers: Applesoft BASIC Programming Language 1975-Mar 86 (109)  
PB86-861994/CAW INSPEC

## Aquaculture

- Aquaculture: Fish 1977-Aug 86 (247)  
PB86-873791/CAW SWRA
- Economics of Catfish as Food Fish 1972-Apr 86 (114)  
PB86-864600/CAW FSTA
- \*Nitrogen Fixation in Agriculture and Aquaculture Jun 83-Sep 85 (120)  
PB85-868651/CAW EDB
- Seaweed Culture 1978-Jan 86 (109)  
PB86-857109/CAW LSC
- Seaweed: Use as Food 1972-1985 (326)  
PB86-854049/CAW FSTA

## Aquaplaning

- Tire Hydroplaning 1970-Jan 86 (162)  
PB86-856010/CAW NTIS

## Aquatic animals

- Bioindicators of Marine Pollution 1974-Aug 86 (256)  
PB86-873916/CAW OCEANIC
- Toxicity Bioassays: Water Pollution Effects on Aquatic Animals and Plants 1977-May 86 (344)  
PB86-868379/CAW SWRA

## Aquatic biology

- Aquatic Population Dynamics 1978-Jul 85 (282)  
PB85-864775/CAW SWRA

## Aquatic plants

- \*Algae: Control and Growth in Lakes and Streams Oct 84-Oct 86 (124)  
PB86-877313/CAW SWRA
- \*Aquatic Weed Control Dec 81-1985 (163)  
PB86-854270/CAW NTIS
- Bioindicators of Marine Pollution 1974-Aug 86 (256)  
PB86-873916/CAW OCEANIC
- Seaweed Culture 1978-Jan 86 (109)  
PB86-857109/CAW LSC
- Seaweed: Use as Food 1972-1985 (326)  
PB86-854049/CAW FSTA
- Toxicity Bioassays: Water Pollution Effects on Aquatic Animals and Plants 1977-May 86 (344)  
PB86-868379/CAW SWRA

## Aquifers

- Artificial Recharge of Aquifers 1977-1986 (207)  
PB87-852141/CAW SWRA



- \*Water Quality Modeling: Hydrological Systems  
Apr 83-Jan 86 (210)  
PB86-854973/CAW SWRA

## Aramidyl

- Aramid Fibers 1970-Nov 86 (108)  
PB87-851838/CAW PTO
- \*Aramid Fibers: Reinforcement for Plastics and Elastomers 1985-1986 (310)  
PB87-852539/CAW RAPRA

## Arc spraying

- \*Plasma and Flame Sprayed Coatings 1980-Feb 86 (349)  
PB86-858008/CAW Ei
- \*Plasma and Flame Sprayed Coatings Feb 80-Mar 86 (176)  
PB86-859188/CAW NTIS

## Architecture

- Architectural Acoustics 1975-Mar 86 (214)  
PB86-861432/CAW INSPEC
- Comfort and Human Factors in Office and Residential Settings 1970-Jul 86 (124)  
PB86-873577/CAW NTIS

## Arctic regions

- Cold Weather Construction 1970-May 86 (230)  
PB86-870227/CAW NTIS
- Icebreakers and Icebreaking 1974-Mar 86 (214)  
PB86-860772/CAW OCEANIC
- Oil Spills and Oil Pollution in the Arctic and Antarctic 1970-1984 (99)  
PB85-852903/CAW POLLUTION
- Protective Clothing: Arctic and Tropical Environments 1970-Jun 86 (154)  
PB86-871423/CAW NTIS

## Arid land

- Arid and Semiarid Land Agriculture 1975-Oct 85 (51)  
PB85-869576/CAW NTIS
- Building Design and Construction for Arid Regions 1976-Mar 85 (78)  
PB85-855922/CAW EDB
- Desert Management 1970-Jan 85 (79)  
PB85-853604/CAW NTIS
- Farm Crops in Arid and Semiarid Regions 1976-Nov 84 (130)  
PB85-851160/CAW SWRA

## Armor

- Lightweight Armor 1970-Jan 86 (279)  
PB86-855749/CAW NTIS

## Arms control

- \*Arms Control Nov 81-Feb 86 (121)  
PB86-857356/CAW NTIS

## Aroma

- \*Food Aroma: Aroma and Flavor Components Mar 83-Jan 86 (110)  
PB86-856507/CAW FSTA

## Aromatic polycyclic hydrocarbons

- Aromatic Polyimides 1970-Sep 86 (93)  
PB86-875366/CAW PTO
- Toxicity of Aromatic Polycyclic Hydrocarbons 1978-Nov 86 (278)  
PB87-850582/CAW LSC

## Arrays

- \*Antenna Arrays Nov 84-Oct 85 (101) Excludes phased arrays  
PB85-871176/CAW Ei
- \*Antenna Arrays Aug 81-Oct 86 (312) Excludes phased arrays  
PB86-876471/CAW NTIS
- Systolic Arrays and Array Processors 1975-May 86 (178)  
PB86-868064/CAW INSPEC

## Arsenic

- \*Toxicity of Arsenic Jul 84-Aug 86 (227)  
PB86-873981/CAW EDB

## Artificial intelligence

- Integrated CAD/CAM Using Artificial Intelligence 1975-Jun 86 (111)  
PB86-870425/CAW INSPEC

## Artificial eyes

- Prosthetic Devices Jun 72-Jan 85 (332)  
PB85-854339/CAW NTIS

## Artificial intelligence

- \*Artificial Intelligence Apr 83-1984 (188)  
PB86-852860/CAW Ei
- \*Artificial Intelligence May 84-Apr 86 (181)  
PB86-864105/CAW IAA
- \*Artificial Intelligence Sep 84-Apr 86 (262)  
PB86-862240/CAW NTIS
- Artificial Intelligence in Control and Real Time Operations 1970-1986 (144) Excludes general development of artificial intelligence technology and programming languages  
PB87-853271/CAW NTIS
- Artificial Intelligence: Manufacturing Industries Jan 86-Dec 86 (155) Artificial intelligence applied to integration of CAD/CAM and industrial robots are covered more comprehensively in other published searches  
PB87-853388/CAW Ei
- Artificial Intelligence: Market Aspects 1983-Jun 86 (139)  
PB86-870334/CAW COM
- Artificial Intelligence: Medical Applications Jan 86-Dec 86 (132)  
PB87-853289/CAW Ei
- Artificial Intelligence: Medical Computers 1975-Jul 86 (323)  
PB86-871522/CAW INSPEC
- \*Expert Computer Systems Feb 85-Jan 86 (400)  
PB86-855244/CAW INSPEC
- Expert Systems Applications 1970-Feb 86 (125)  
PB86-857539/CAW Ei
- Expert Systems: Aerospace Applications 1972-1985 (76)  
PB86-853397/CAW IAA
- Inference Engines 1975-Jun 86 (53)  
PB86-870367/CAW INSPEC
- Knowledge Engineering in Computer Aided Design 1975-Aug 86 (128)  
PB86-873783/CAW INSPEC
- \*Knowledge Representation and Knowledge Programming for Artificial Intelligence Jan 86-Dec 86 (172)  
PB87-853115/CAW INSPEC
- Lisp Programming Language: Artificial Intelligence Applications 1975-Feb 86 (124)  
PB86-857513/CAW INSPEC
- LISP Programming Language: Artificial Intelligence Applications 1983-Sep 86 (224)  
PB86-875606/CAW COM
- Natural Language Processing 1970-Apr 86 (266)  
PB86-864642/CAW Ei
- Natural Language Processing and Understanding 1974-Jul 86 (279)  
PB86-870813/CAW INSPEC
- Natural Language Question Answering 1975-1986 (55)  
PB87-852315/CAW INSPEC
- Neural Networks: Modeling and Cybernetics 1975-Jul 86 (88)  
PB86-872058/CAW INSPEC
- Robots: Artificial Intelligence 1975-Aug 86 (102)  
PB86-873189/CAW INSPEC
- Semantic Networks 1975-Aug 86 (174)  
PB86-874112/CAW INSPEC

## Artificial limbs

- Limb and Hip Prostheses 1970-Apr 86 (190)  
PB86-867348/CAW PTO
- Multifunctional Artificial Limbs 1976-Nov 85 (229)  
PB86-850021/CAW INSPEC
- Prosthetic Devices Jun 72-Jan 85 (332)  
PB85-854339/CAW NTIS

## Asbestos

- Asbestos in Drinking Water 1977-Nov 85 (118)  
PB85-872075/CAW SWRA
- Asbestos Substitutes 1978-Feb 86 (103)  
PB86-860541/CAW RAPRA
- Asbestos: Chronic Health Effects 1978-Apr 86 (301)  
PB86-866332/CAW LSC
- Asbestos: Industrial Applications and Precautions 1974-1985 (146)  
PB86-857174/CAW ISMEC

## Asepsis

- \*Aseptic Food Packaging 1984-Nov 86 (179)  
PB87-851903/CAW FSTA
- Aseptic Food Packaging 1970-Nov 85 (84)  
PB86-852209/CAW PTO
- Aseptic Food Packaging 1982-Nov 85 (68)  
PB85-872679/CAW PSTA

## Aspartame

- Aspartame in Foods 1972-Aug 86 (101)  
PB86-872959/CAW FSTA

## Asphalts

- Asphalt Blends 1970-Oct 86 (95)  
PB86-876257/CAW PTO

## Assembly languages

- Microcomputers: Assembly Language Programming 1974-1985 (185)  
PB86-853876/CAW INSPEC

## Assembly lines

- Assembly Line Techniques Jun 70-Jan 86 (237)  
PB86-856218/CAW NTIS
- Automated Integrated Circuit Assembly 1975-Sep 86 (72)  
PB86-873965/CAW INSPEC

## Atmospheric attenuation

- \*Atmospheric Effects on Laser Beams 1975-Aug 86 (341)  
PB86-873569/CAW NTIS

## Atmospheric diffusion

- \*Air Pollution Tracer Studies in the Lower Atmosphere May 85-Apr 86 (65)  
PB86-863800/CAW NTIS
- \*Atmospheric Modeling of Air Pollution Sep 84-Jan 86 (158) Excludes stratospheric studies as applied to high flying aircraft  
PB86-855970/CAW NTIS

## Atmospheric models

- \*Atmospheric Modeling of Air Pollution Sep 84-Jan 86 (158) Excludes stratospheric studies as applied to high flying aircraft  
PB86-855970/CAW NTIS

## Atmospheric precipitation

- Acid Precipitation Jun 74-Apr 85 (166)  
PB85-860419/CAW IAA
- \*Acid Precipitation Aug 85-Jul 86 (181)  
PB86-871266/CAW POLLUTION
- \*Acid Precipitation Nov 83-Aug 85 (184)  
PB85-866432/CAW SWRA



- \*Acid Precipitation: Effects on Aquatic Ecosystems Oct 84-Sep 86 (283)  
PB86-874476/CAW EDB
- \*Acid Precipitation: Effects on Terrestrial Ecosystems Oct 84-Sep 85 (309)  
PB85-870004/CAW EDB
- \*Acid Precipitation: Legal, Political, and Health Aspects Apr 85-Mar 86 (154)  
PB86-860475/CAW EDB

## Atmospheric transmissivity

- \*Atmospheric Effects on Laser Beams 1975-Aug 86 (341)  
PB86-873569/CAW NTIS

## Atomizers

- Atomizers Jun 70-Jan 86 (200)  
PB86-856085/CAW NTIS
- Atomizers and Atomization of Coal Slurries Jun 76-Nov 85 (187) Excludes design of atomizers  
PB86-852449/CAW EDB
- Atomizers and Atomization Used in Fuel Injection Systems 1976-Nov 85 (151)  
PB86-852431/CAW EDB

## Attitudes

- \*Work Attitudes in the Military 1980-Apr 86 (275)  
PB86-868056/CAW NTIS

## Auditory defects

- Noise-Induced Hearing Loss 1972-May 85 (205)  
PB85-860591/CAW IAA

## Autoclaves

- Autoclave Design and Performance 1978-Apr 86 (108)  
PB86-865391/CAW LSC

## Automata theory

- Automata Theory 1970-Apr 86 (282)  
PB86-868023/CAW NTIS
- Cellular Automata 1975-Jun 86 (73)  
PB86-869849/CAW INSPEC

## Automatic control

- Adaptive Control Systems: Manufacturing Industries 1975-Jun 85 (380)  
PB86-871092/CAW INSPEC
- Aircraft Flight Control Systems 1970-Sep 85 (129)  
PB85-867299/CAW PTO
- Artificial Intelligence in Control and Real Time Operations 1970-1986 (144) Excludes general development of artificial intelligence technology and programming languages  
PB87-853271/CAW NTIS
- Automatik Control in Textile Dyeing and Finishing 1983-Nov 85 (109)  
PB86-851961/CAW WTA
- Chemical Industry and Technology: Adaptive Control Systems 1975-Jun 85 (125)  
PB85-863660/CAW INSPEC
- \*Control Theory 1985-1986 (240)  
PB87-852059/CAW NTIS
- Fault Tolerant Control Methods and Systems 1975-1986 (115)  
PB87-852554/CAW INSPEC
- Greenhouse Controls 1970-Oct 86 (75)  
PB87-850434/CAW PTO
- Supervisory Control and Data Acquisition (SCADA) 1977-1986 (100)  
PB87-852893/CAW INSPEC

## Automatic mapping

- \*Computer Aided Mapping Feb 84-Jan 86 (166)  
PB86-855590/CAW Ei
- \*Computer Aided Mapping May 82-1986 (375)  
PB87-851994/CAW NTIS

## Automatic programming

- \*Automatic Programming Jul 85-Jun 86 (140)  
PB86-868643/CAW INSPEC
- Automatic Programming 1970-Sep 86 (116)  
PB86-875218/CAW NTIS

## Automatic test equipment

- Laboratory Automation 1975-Apr 86 (116)  
PB86-867173/CAW INSPEC

## Automation

- Adaptive Control Systems: Manufacturing Industries 1975-Jun 85 (380)  
PB86-871092/CAW INSPEC
- American Telephone and Telegraph Computers in the Office: Market Aspects 1983-Jul 86 (83)  
PB86-872223/CAW COM
- Automated Fault Detection and Location 1975-Feb 86 (93)  
PB86-863933/CAW INSPEC
- Automated Integrated Circuit Assembly 1975-Sep 86 (72)  
PB86-873965/CAW INSPEC
- \*Automated Machining Jul 85-Jun 86 (282) Excludes automatic assembly of already manufactured parts and components  
PB86-870417/CAW Ei
- Automated Machining 1970-Nov 86 (346)  
PB87-851697/CAW NTIS
- Automated Teller Machines - Banking 1975-Jan 86 (201)  
PB86-863396/CAW INSPEC
- Automatic Library and Documentation 1970-Apr 85 (131)  
PB85-858678/CAW Ei
- Automatic Program Testing 1975-Aug 86 (51)  
PB86-873767/CAW INSPEC
- Computer Vision for Automatic Assembly and Inspection 1970-Apr 86 (224)  
PB86-863073/CAW Ei
- \*Computer Vision for Automatic Assembly and Inspection Jan 86-Dec 86 (248)  
PB87-852869/CAW INSPEC
- Electronic Mail: Office Automation 1975-Feb 86 (163)  
PB86-859352/CAW INSPEC
- Integrated Circuits: Design Automation 1975-Nov 86 (183)  
PB87-850442/CAW INSPEC
- Integrated Library Systems 1975-Jan 86 (65)  
PB86-858685/CAW INSPEC
- Laboratory Automation 1975-Apr 86 (116)  
PB86-867173/CAW INSPEC
- Library Acquisition 1975-Apr 86 (157)  
PB86-865441/CAW INSPEC
- Library Automation: Cataloging and Circulation 1984-Nov 86 (225) Excludes computerized document and information retrieval  
PB87-851028/CAW INSPEC
- Local Computer Networks: Office Automation and Communication 1981-Mar 86 (152)  
PB86-862372/CAW INSPEC
- \*Machine Automation and Numerical Control Aug 85-Jul 86 (115)  
PB86-871076/CAW NTIS
- Machine Tool Technology 1975-Feb 86 (180)  
PB86-859774/CAW INSPEC
- Machine Tool Technology 1974-Mar 86 (277)  
PB86-862414/CAW ISMEC
- Manufacturing Automation Protocol - MAP 1975-Feb 86 (58)  
PB86-863164/CAW INSPEC
- Mechanization of Library Cataloging and Circulation 1975-1983 (311)  
PB85-852754/CAW INSPEC
- Microcomputer Applications for Libraries 1975-Feb 86 (198)  
PB86-853389/CAW INSPEC

- Networking in Factory Automation 1975-1986 (228)  
PB87-853016/CAW INSPEC

Packaging Automation 1982-Nov 85 (159)  
PB85-872604/CAW PSTA

- \*Press Tools: Design, Automation, and Safety Dec 83-Jun 85 (59)  
PB85-862068/CAW ISMEC

- \*Programmable Controllers Nov 84-Oct 86 (313)  
PB86-876513/CAW INSPEC
- Programmable Controllers: Design and Applications 1973-Nov 85 (258)  
PB86-851318/CAW ISMEC
- Robotics and Automation on the Farm 1974-May 86 (157)  
PB86-869120/CAW INSPEC
- \*Rolling Mill Automation and Control Systems 1983-Mar 86 (135)  
PB86-861226/CAW Ei
- Tape Automated Bonding Techniques in Integrated Circuit Packaging 1975-Apr 86 (70)  
PB86-864782/CAW INSPEC
- Voice Mail 1975-May 86 (119)  
PB86-868932/CAW INSPEC
- Warehouse Automation 1975-1985 (298)  
PB86-853116/CAW INSPEC

## Automobile engines

- \*Carburetors: Design and Analysis Jun 83-Jul 86 (237)  
PB86-871191/CAW EDB
- Ceramics Technology: Automotive Gas Turbine Engine Component Applications 1976-Oct 86 (148)  
PB86-876380/CAW EDB
- Ceramics Technology: Automotive Gas Turbine Engine Component Applications 1976-Oct 86 (83)  
PB86-876372/CAW NTIS

## Automobile exhaust

- Automotive Emission Standards 1970-Apr 86 (251)  
PB86-865276/CAW POLLUTION

## Automobile tires

- Tire Safety 1976-Feb 86 (221)  
PB86-861804/CAW RAPRA

## Automobiles

- Auto and Truck Suspension Systems Jun 70-Nov 85 (331)  
PB85-872299/CAW Ei
- Automobile Coatings: Acrylic and Alkyd Topcoats 1980-Mar 86 (181)  
PB86-861630/CAW WSC
- Automobile Coatings: Clearcoats and Metallic Finishes 1980-Mar 86 (135)  
PB86-861085/CAW WSC
- Automobile Coatings: Painting of Plastics 1980-Mar 86 (78)  
PB86-861671/CAW WSC
- Automobile Coatings: Polyurethanes 1980-Mar 86 (63)  
PB86-861655/CAW WSC
- Automobile Coatings: Refinishing 1980-Mar 86 (144)  
PB86-861069/CAW WSC
- Automobile Electronics 1970-Oct 86 (172)  
PB86-876158/CAW PTO
- \*Automobile Impact Tests Sep 80-Nov 86 (133)  
PB87-851002/CAW NTIS
- Automobile Industry: Economics, Engineering, and Manufacturing 1970-1986 (242) Excludes vehicle certification applications  
PB87-852505/CAW NTIS
- Automobile Industry: International Cooperation and Competition 1974-Nov 86 (144)  
PB87-852216/CAW MC



- Automobile Safety: Seat Belts 1970-May 86 (203)  
PB86-868403/CAW Ei  
Automobile Safety: Bumpers 1970-Mar 85 (154)  
PB85-856813/CAW Ei
- \*Automobile Safety: Seat Belts Nov 84-Oct 86 (72)  
PB86-876463/CAW NTIS
- Automotive Aerodynamics 1973-Feb 86 (107)  
PB86-858503/CAW ISMEC
- Automotive Anti-Theft Devices 1970-Mar 86 (246)  
PB86-862166/CAW PTO
- Automotive Electronics and Electronic Systems 1975-Feb 86 (357)  
PB86-858453/CAW INSPEC
- Automotive Seat Belts 1970-1985 (148)  
PB86-854304/CAW PTO
- Child Restraint Systems 1970-Feb 86 (52)  
PB86-860251/CAW NTIS
- Electric Automobiles Sep 78-Oct 86 (316)  
PB86-877438/CAW EDB  
Internal Combustion Engines: Exhaust Recirculation Systems 1976-Nov 84 (249)  
PB85-851046/CAW EDB
- Microprocessors Used in Motor Vehicles 1974-1985 (83)  
PB86-854619/CAW Ei
- Microprocessors Used in Motor Vehicles 1975-Sep 86 (211)  
PB86-874187/CAW INSPEC
- Motor Vehicle and Rail Accidents: Computer Analysis 1970-Sep 86 (213)  
PB86-875093/CAW NTIS
- Motor Vehicle Brake Systems 1973-May 86 (331)  
PB86-864493/CAW ISMEC
- Motor Vehicle Steering Systems 1973-May 86 (209)  
PB86-866043/CAW ISMEC
- Motor Vehicle Suspension Systems: Vibrational Effects and Stability 1973-1985 (271)  
PB86-855004/CAW ISMEC
- Noise Control for Motor Vehicles 1970-1985 (189)  
PB86-852498/CAW NTIS
- Plastic Fuel Tanks in Automobiles and Aircraft 1973-1986 (247)  
PB87-852570/CAW RAPRA
- Plastics for Automotive Bumpers and Headlights 1979-Oct 85 (330)  
PB86-876877/CAW RAPRA
- Plastics for Automotive Bumpers and Headlamps Nov 85-Oct 86 (116)  
PB86-876885/CAW RAPRA
- Sheet Molding Compounds: Automotive Applications 1973-Jul 86 (212)  
PB86-873163/CAW RAPRA

## Automotive fuels

- \*Alcohol Fuels Oct 85-Aug 86 (129)  
PB86-874443/CAW Ei
- \*Alcohol Fuels Sep 84-Aug 85 (182)  
PB85-866325/CAW NTIS
- Hydrogen Use as a Fuel 1970-Feb 86 (192)  
PB86-858610/CAW NTIS

## Aviation fuels

- Aviation Fuel Additives 1976-Feb 86 (110)  
PB86-860780/CAW EDB

## Aviation safety

- Bird Strikes and Aviation Safety 1970-1985 (176) Includes windshield strikes and engine ingestion  
PB86-854213/CAW NTIS
- Doppler Radar: Aviation Safety 1972-Jan 86 (87)  
PB86-856523/CAW IAA

## Avionics

- \*Aerospace Computer Systems: Avionics Applications Aug 81-Sep 85 (337)  
PB85-868826/CAW NTIS
- Airborne Collision Avoidance Systems 1972-Aug 86 (94) Excludes systems which involve only ground equipment and controller communication to the pilot.  
PB86-874963/CAW IAA
- Aircraft Antennas 1975-Nov 86 (242)  
PB87-851267/CAW INSPEC
- \*Aircraft Antennas 1983-Nov 85 (71)  
PB86-851490/CAW NTIS  
Cathode Ray Tubes: Flight Display Instruments 1970-Oct 85 (139)  
PB85-871275/CAW NTIS
- Configuration Management: Aerospace Vehicles and Flight Control 1973-Jan 86 (100)  
PB86-858545/CAW IAA
- Head Up Displays 1970-Apr 86 (58)  
PB86-866894/CAW PTO
- Helmet Mounted Displays 1974-Sep 86 (52)  
PB86-875572/CAW IAA
- Helmet Mounted Displays 1970-Aug 86 (130)  
PB86-874864/CAW NTIS
- Integrated Multisensor Displays Jul 76-Jul 86 (63)  
PB86-871555/CAW INSPEC
- Integrated Multisensor Displays 1970-Jul 86 (90)  
PB86-871332/CAW NTIS  
Microprocessors: Aircraft and Avionics 1975-Jun 85 (142)  
PB85-863462/CAW NTIS  
Multiplexing in Aircraft Jun 74-Oct 85 (157)  
PB85-872745/CAW IAA
- Terrain-Following and Forward-Looking Radars 1970-Oct 86 (288)  
PB86-875903/CAW NTIS

## Axial flow compressors

- Axial Flow Compressors 1970-Jun 86 (215)  
PB86-869815/CAW Ei

## Baby food

- Infant Foods: Nutritional Value 1972-Apr 86 (137)  
PB86-865706/CAW FSTA

## Bacteria

- Bifidobacteria 1978-Sep 86 (219)  
PB86-875176/CAW LSC
- \*Coccidiosis Dec 80-Nov 85 (237)  
PB86-851631/CAW LSC  
Dairy Products: Lactic Acid Bacteria 1984-Apr 85 (66)  
PB85-859882/CAW FSTA
- Dairy Products: Pseudomonads and Psychrotrophic Bacteria 1972-Apr 86 (300)  
PB86-864949/CAW FSTA  
Dairy Products: Lactic Acid Bacteria 1975-1983 (338)  
PB85-859874/CAW FSTA  
Genetic Engineering: Plants, Bacteria, Livestock 1984-Mar 85 (95)  
PB85-857431/CAW FEDRIP  
Lactic Acid Bacteria in Meat Products 1972-Oct 85 (167)  
PB85-868990/CAW FSTA  
Nitrogen Fixation 1977-Sep 85 (135)  
PB85-868412/CAW SWRA
- Water Quality: Pathogenic Bacteria 1977-Apr 86 (237)  
PB86-865144/CAW SWRA

## Bacterial diseases

- Brucellosis Diagnosis 1978-Aug 85 (162)  
PB85-866184/CAW LSC
- Toxic Shock Syndrome 1978-Nov 85 (222)  
PB86-851771/CAW LSC

## Bakery products

- Rheological Properties of Breads and Cereals Sep 84-Aug 85 (36)  
PB85-867133/CAW FSTA

## Band pass filters

- \*Bandpass Filters Apr 84-Oct 86 (149)  
PB86-877370/CAW INSPEC
- \*Bandpass Filters Oct 84-Jul 86 (51) Excludes optical filters  
PB86-871175/CAW NTIS

## Bandwidth compression

- Video Bandwidth Compression 1975-Mar 85 (85)  
PB85-857027/CAW INSPEC

## Banking

- Automated Teller Machines - Banking 1975-Jan 86 (201)  
PB86-863396/CAW INSPEC
- Bank Marketing 1980-Apr 86 (175)  
PB86-867587/CAW MC
- Electronic Funds Transfer (EFT) 1975-Mar 86 (261)  
PB86-861325/CAW INSPEC

## Barriers

- Barrier Properties in Food Packaging 1973-Apr 86 (155)  
PB86-868213/CAW RAPRA
- Highway Safety Structures 1970-Mar 86 (182)  
PB86-859311/CAW NTIS
- Plastics and Elastomers as Moisture Barriers 1973-Nov 86 (225)  
PB87-850491/CAW RAPRA

## Basic

- Microcomputers: Applesoft BASIC Programming Language 1975-Mar 86 (109)  
PB86-861994/CAW INSPEC
- Microcomputers: Atari BASIC Programming 1981-1985 (133)  
PB86-854817/CAW INSPEC
- Microcomputers: BASIC Programming and Games with the Commodore 20 and 64 1981-Feb 86 (323)  
PB86-858255/CAW INSPEC
- Microsoft Basic Computer Programming 1979-Jan 86 (174)  
PB86-859535/CAW INSPEC

## Batteries

- Battery Electrodes 1975-May 86 (219)  
PB86-865078/CAW INSPEC
- \*Battery Electrodes: Properties and Performance Jul 83-Nov 85 (195)  
PB85-872786/CAW Ei
- Battery Separators 1970-Sep 86 (148)  
PB86-875085/CAW PTO
- \*Lead Batteries Dec 81-1986 (236)  
PB87-852349/CAW NTIS
- \*Lithium Batteries Oct 84-Sep 86 (200)  
PB86-875408/CAW Ei
- \*Lithium Batteries Nov 81 Aug 86 (273)  
PB86-872777/CAW NTIS
- Lithium Batteries 1970-Oct 86 (72)  
PB86-876232/CAW PTO
- Magnesium Batteries 1970-Mar 86 (61)  
PB86-864162/CAW Ei
- \*Nickel Cadmium Batteries 1977-Oct 86 (182)  
PB87-850152/CAW NTIS
- Rechargeable Batteries 1976-Aug 86 (186)  
PB86-873254/CAW EDB
- Sodium-Sulfur Batteries: Energy storage and Electric Vehicle Applications 1976-Apr 86 (282)  
PB86-863974/CAW EDB



- Thermal Batteries 1976-Mar 86 (109)  
PB86-861952/CAW EDB
- Thermal Batteries 1970-Feb 86 (140)  
PB86-859162/CAW NTIS

## Battery electrodes

- \*Electrochemical Reactions at Surfaces 1976-May 85 (352)  
PB85-861300/CAW NTIS

## Battery electrolytes

- \*Battery Electrolytes May 83-Apr 86 (220)  
PB86-864956/CAW Ei
- Thermal Batteries 1976-Mar 86 (109)  
PB86-861952/CAW EDB
- Thermal Batteries 1970-Feb 86 (140)  
PB86-859162/CAW NTIS

## Bayesian analysis

- Bayesian Theory 1973-May 86 (187) Includes bayesian approaches, methods, and applications to forecasting, econometrics, cost analysis, and market research  
PB86-866597/CAW MC

## Beach erosion

- Aerial Photography: Applications in the Study of Coastal Erosion and Pollution 1974-May 86 (350)  
PB86-867397/CAW OCEANIC
- Beach Erosion and Protection 1974-Jun 85 (271)  
PB85-863769/CAW OCEANIC

## Beam splitters

- Optical Beam Splitters 1975-May 86 (278)  
PB86-866498/CAW INSPEC

## Bearings

- Ceramic Bearings 1974-Nov 86 (359)  
PB87-851051/CAW IAA
- Ceramic Bearings Jun 70-Nov 85 (88)  
PB86-850492/CAW NTIS
- Journal Bearings: Wear Characteristics and Lubrication 1966-May 86 (180)  
PB86-866647/CAW METADEX
- Slide Bearings 1970-Aug 85 (142)  
PB85-865772/CAW PTO
- Tribology: Bearings 1970-Oct 85 (95)  
PB85-869048/CAW Ei

## Bedding equipment

- Polymeric Foam Mattresses 1977-Aug 86 (206)  
PB86-872835/CAW RAPRA

## Behavior

- Organizational Behavior Nov 73-Nov 86 (375)  
PB87-851762/CAW NTIS

## Beneficiation

- \*Coal Beneficiation Dec 80-Sep 85 (337)  
Excludes citations pertaining specifically to desulfurization processes  
PB85-868958/CAW Ei
- \*Coal Beneficiation Mar 82-Apr 85 (140)  
PB85-857860/CAW NTIS

## Benefit plans

- Company Perquisites (Perks) 1974-Jul 86 (114)  
Employee ownership is emphasized in another bibliography  
PB86-873130/CAW MC
- Employee Ownership of Companies 1974-Jul 86 (225)  
PB86-872587/CAW MC

## Bentonite

- Food Industry: Bentonite Utilization 1972-1984 (163)  
PB85-852333/CAW FSTA

## Benzene

- Benzene Toxicity 1978-Nov 85 (216)  
PB86-852597/CAW LSC

## Beryllium

- Pollution Effects of Beryllium and Beryllium Compounds 1970-Mar 85 (139)  
PB85-858694/CAW NTIS
- Toxicity of Beryllium Jun 76-Apr 86 (143)  
PB86-864394/CAW EDB

## Beverages

- Beverage Bottling and Packaging Machinery 1976-Apr 86 (162)  
PB86-864865/CAW PIRA
- Beverage Flavorings 1970-Mar 85 (155)  
PB85-856896/CAW PTO
- Beverage Flavors: Coffee and Tea 1972-Aug 86 (198)  
PB86-873585/CAW FSTA
- Beverage Flavors: Juices 1972-Mar 86 (233)  
PB86-862505/CAW FSTA
- Beverage Flavors: Soft Drinks 1972-Feb 85 (176)  
PB85-855591/CAW FSTA
- Beverage Stabilizers 1972-Jan 85 (264)  
PB85-853844/CAW FSTA
- Bottling 1982-Mar 86 (54)  
PB86-863230/CAW PSTA
- \*Caffeine in Food and Beverages Jul 85-Jun 86 (56) Covers biological effects, analysis, and removal  
PB86-869831/CAW FSTA
- Carbonated Beverages: Packaging 1976-Oct 85 (274)  
PB85-872778/CAW PIRA
- Coffee: Instant and Decaffeinated 1972-Oct 85 (297)  
PB85-869584/CAW FSTA
- Coffee: Organoleptic Properties 1972-Jun 85 (209)  
PB85-861979/CAW FSTA
- Commercial Freezers Used by the Food, Dairy, and Beverage Industries 1972-Feb 86 (294)  
PB86-858016/CAW FSTA
- Corrosion of Food and Beverage Cans 1973-Jan 86 (120)  
PB86-855459/CAW FSTA
- Essential Oils Used in the Food and Beverage Industry 1972-Jul 85 (229)  
PB85-864379/CAW FSTA
- Essential Oils: Chemical Analysis by the Food and Beverage Industry 1972-1985 (243)  
PB86-854536/CAW FSTA
- Factors Affecting the Organoleptic Properties of Wine 1972-Apr 86 (122)  
PB86-865375/CAW FSTA
- Food Analysis: Headspace Gas Chromatography 1972-Apr 86 (119)  
PB86-859394/CAW FSTA
- Instant Beverages 1972-Nov 85 (195)  
PB85-872471/CAW FSTA
- Packaging of Fruit Juices, Drinks, and Concentrates 1982-Apr 86 (115)  
PB86-865425/CAW PSTA
- Vegetable Juice: Manufacture and Processing 1972-Jan 86 (217)  
PB86-857091/CAW FSTA

## Bibliographies

- Bibliographic Software 1983-Jul 86 (57)  
PB86-872181/CAW COM

## Bifidobacteria

- Bifidobacteria 1978-Sep 86 (219)  
PB86-875176/CAW LSC

## Bilge water

- Oil Water Separators 1973-Aug 84 (213)  
Primarily covers ballast water and oil spill separation  
PB85-800019/CAW API
- Oil Water Separators 1970-Feb 86 (181)  
Primarily covers ballast water and oil spill separation  
PB86-858065/CAW Ei

## Binders (Materials)

- Particle Board Binders: Composition and Manufacture 1972-1984 (132)  
PB85-853034/CAW IPC

## Bioaccumulation

- Bioaccumulation of Heavy Metals by Fish 1977-Aug 86 (134)  
PB86-872504/CAW SWRA
- Water Pollution: Uptake of Heavy Metals by Shellfish and Marine Plants 1974-Feb 86 (269)  
PB86-858719/CAW OCEANIC

## Bioassay

- \*Carcinogenicity Testing Methods 1984-Apr 85 (70)  
PB85-857852/CAW LSC
- Cosmetics: Chemical and Biological Analysis 1978-1983 (214)  
PB85-861060/CAW LSC
- Cosmetics: Chemical and Biological Properties 1984-Apr 86 (200)  
PB86-864980/CAW LSC
- \*Toxicity of Nickel Jun 83-May 85 (183)  
PB85-861623/CAW EDB
- Toxicity Bioassays: Water Pollution Effects on Aquatic Animals and Plants 1977-May 86 (344)  
PB86-868379/CAW SWRA

## Biochemical oxygen demand

- \*Biochemical Oxygen Demand Oct 81-Feb 86 (161)  
PB86-860699/CAW NTIS

## Biochemistry

- Biopolymers 1978-Apr 86 (76)  
PB86-863305/CAW LSC
- \*Caffeine: Biochemical and Physiological Effects Jun 85-May 86 (53)  
PB86-868361/CAW LSC
- \*Chemical and Biological Warfare: Biology, Chemistry, and Toxicology Feb 81-Apr 86 (203)  
Excludes the biochemistry and therapy of cholinesterase inhibitors  
PB86-862638/CAW NTIS
- Fermentation Processes Jun 70-Jun 86 (204)  
PB86-869781/CAW Ei

## Biodeterioration

- Bacterial Corrosion and Protection of Metals 1970-1985 (257)  
PB86-853082/CAW METADEX
- Cellulose and Lignin: Biodegradation 1978-Nov 85 (310)  
PB85-871820/CAW LSC

## Bioelectricity

- Bioelectric Phenomena: Biomembranes 1975-Feb 86 (337)  
PB86-861473/CAW INSPEC
- Bioelectric Phenomena: Brain 1972-Aug 85 (198)  
PB85-866481/CAW IAA
- Bioelectric Phenomena: Brain 1975-Aug 85 (303)  
PB85-866846/CAW INSPEC
- \*Bioelectric Phenomena: Muscles Apr 83-Aug 85 (167)  
PB85-866820/CAW INSPEC



Bioelectric Phenomena: Nervous Systems 1975-Aug 85 (236)  
PB85-866176/CAW INSPEC

- Bioelectronics 1976-Mar 86 (88)  
PB86-859410/CAW INSPEC

## Bioelectronics

- Bioelectronics 1976-Mar 86 (88)  
PB86-859410/CAW INSPEC

## Biofeedback

Biofeedback Training and Instrumentation 1975-Oct 85 (145)  
PB85-869519/CAW INSPEC

## Bioindicators

- Bioindicators of Marine Pollution 1974-Aug 86 (256)  
PB86-873916/CAW OCEANIC

## Bioinstrumentation

- Bioelectronics 1976-Mar 86 (88)  
PB86-859410/CAW INSPEC
- Biomedical Equipment: Artificial Organs and Prostheses 1973-Oct 85 (298)  
PB85-869600/CAW ISMEC
- Cardiac Monitors: Design and Applications Jun 70-Feb 86 (179)  
PB86-857315/CAW Ei
- Microelectrodes for Biomedical Applications 1970-Oct 86 (153)  
PB86-87265/CAW INSPEC

## Biological industrial waste treatment

- Pulping Effluents: Biological Treatment 1976-Jun 86 (181)  
PB86-871936/CAW PIRA

## Biological warfare agents

- \*Chemical and Biological Warfare: Biology, Chemistry, and Toxicology Feb 81-Apr 86 (203)  
Excludes the biochemistry and therapy of cholinesterase inhibitors  
PB86-862638/CAW NTIS
- \*Chemical and Biological Warfare: Detection and Warning Systems Jun 84-Apr 86 (58)  
PB86-862588/CAW NTIS
- \*Chemical and Biological Warfare: General Studies 1979-Apr 86 (177) Covers warfare planning, civil defense, aerial dissemination, containers, and delivery systems  
PB86-862596/CAW NTIS
- \*Chemical and Biological Warfare: Protection, Decontamination, and Disposal 1979-Jun 86 (264)  
PB86-868668/CAW NTIS

## Biomagnetism

- \*Biomagnetism Oct 83-Oct 86 (237) Excludes citations pertaining specifically to NMR studies  
PB86-876018/CAW INSPEC

## Biomass

- Biomass Conversion 1974-1984 (366)  
PB85-852937/CAW Ei
- \*Biomass Conversion from Agricultural Sources Mar 84-Mar 86 (328)  
PB86-859493/CAW EDB
- Biomass Conversion: Ethanol Production by Yeasts 1980-Feb 86 (259)  
PB86-860723/CAW EDB
- \*Biomass Conversion: Methane Production from Agricultural Wastes Jun 84-Jul 85 (155)  
PB85-865046/CAW EDB
- Biomass Conversion: Methane Production from Industrial, Municipal, and Marine Wastes 1978-Oct 85 (128)  
PB85-869139/CAW EDB
- Biosynthesis in Biomass Conversion Feb 84-May 85 (128)  
PB85-859296/CAW EDB

Developing Countries: Bioconversion Technology 1979-May 85 (124)  
PB85-861243/CAW EDB

- \*Fermentation Processes: Alcohol Fuels Jul 83-May 86 (295)  
PB86-866704/CAW EDB

- Pyrolysis Processes: Applications in Agricultural Waste Energy Recovery 1976-Mar 86 (142)  
PB86-860798/CAW EDB

Water Hyacinths: Waste Treatment and Methane Production 1979-Oct 85 (170)  
PB85-870434/CAW EDB

Wood Fuels: Resource Assessment and Economics 1977-Apr 85 (108)  
PB85-858330/CAW EDB

- \*Wood Gasification Jul 83-Jun 85 (245)  
PB85-863140/CAW EDB

## Biomaterials

- \*Biocompatibility of Polymeric Implantation Devices Jun 83-1986 (180) Polymeric prosthetic devices are included in another bibliography  
PB87-853354/CAW RAPRA
- Biocompatibility of Polyurethanes 1977-Mar 86 (98)  
PB86-862497/CAW RAPRA
- Biocompatibility of Surgical and Dental Implant Materials 1974-Nov 85 (171)  
PB85-872695/CAW Ei
- Biocompatibility of Surgical and Dental Implant Materials 1970-Apr 86 (217)  
PB86-866860/CAW NTIS
- Biopolymers 1970-Apr 86 (63)  
PB86-862083/CAW PTO
- Metal Surgical and Dental Implants 1969-Feb 86 (326)  
PB86-858933/CAW METADEX
- Polymeric Prosthetic Devices and Materials 1970-Jan 86 (189)  
PB86-857166/CAW PTO
- Toxicity: Polymeric Materials in Medical Applications 1973-Mar 86 (241)  
PB86-862489/CAW RAPRA
- Urethanes in Surgical Applications 1973-1986 (256)  
PB87-852612/CAW RAPRA

## Biomedical information systems

- Medical Information Systems 1971-Apr 86 (327)  
PB86-864592/CAW NTIS

## Blomembranes

- Bioelectric Phenomena: Biomembranes 1975-Feb 86 (337)  
PB86-861473/CAW INSPEC

## Blonics

- Bionics 1970-Mar 86 (244)  
PB86-862620/CAW NTIS
- Defibrillation and Defibrillators 1970-Aug 86 (143)  
PB86-874260/CAW Ei

## Bird strikes

- Bird Strikes and Aviation Safety 1970-1985 (176) Includes windshield strikes and engine ingestion  
PB86-854213/CAW NTIS

## Birefringence

- Birefringence in Crystals 1977-Jul 86 (346) Excludes liquid crystals  
PB86-871977/CAW INSPEC

## Bituminous sands

- \*Tar Sands: Crude Oil Extraction Processes Sep 82-Aug 85 (263)  
PB85-866333/CAW EDB

## Blackbody radiation

Blackbody Radiation 1970-Jul 85 (202)  
PB85-865095/CAW SPIN

## Bleaching

- Pulp Bleaching with Oxygen and Ozone 1976-Jul 86 (190)  
PB86-871928/CAW PIRA

## Blood cells

Cell Sorting 1978-Aug 85 (58)  
PB85-865756/CAW LSC

## Blood compatible materials

- \*Biocompatibility of Polymeric Implantation Devices Jun 83-1986 (180) Polymeric prosthetic devices are included in another bibliography  
PB87-853354/CAW RAPRA
- Biocompatibility of Polyurethanes 1977-Mar 86 (98)  
PB86-862497/CAW RAPRA

## Blood diseases

Leukemia in Children: Therapy 1978-Oct 85 (122)  
PB85-869030/CAW LSC

## Blood flow

- Blood Flow Measurement 1970-Feb 86 (180)  
PB86-858180/CAW PTO
- Blood Flow Measurement: Laser Techniques 1975-Jan 86 (97)  
PB86-855723/CAW INSPEC
- Blood Flow Measurement: Ultrasonic Methods and Equipment 1975-Jun 86 (343)  
PB86-869740/CAW INSPEC

## Blood gases

- Blood Gas Analysis 1970-Feb 86 (179)  
PB86-859782/CAW NTIS

## Blood preservation

- \*Blood Preservation and Storage 1974-Feb 86 (249)  
PB86-857331/CAW NTIS

## Blood pressure

- Blood Pressure Measuring Devices 1970-Mar 86 (150)  
PB86-860558/CAW PTO

## Blood pumps

- Biomedical Engineering: Artificial Hearts and Heart Valves 1975-May 86 (184)  
PB86-867637/CAW INSPEC

## Blood storage

- \*Blood Preservation and Storage 1974-Feb 86 (249)  
PB86-857331/CAW NTIS

## Blot assays

- Immunoblot Techniques 1978-Sep 86 (63)  
PB86-875283/CAW LSC

## Blow molding

- Blow Molding Methods and Machines 1970-Jan 86 (368)  
PB86-857612/CAW PTO
- Extrusion Blow Molding of Thermoplastics 1973-Apr 86 (248)  
PB86-865748/CAW RAPRA

## Blowing agents

- Blowing and Foaming Agents for Polymeric Foams Feb 83-1986 (330)  
PB87-852711/CAW RAPRA



## Boats

- Boats: Polymers and Polymer Processing 1973-Oct 85 (250)  
PB85-870715/CAW RAPRA
- \* Recreational Boating 1979-Apr 86 (205)  
PB86-864378/CAW NTIS
- Tugboats for Ship Berthing and Barge Transportation 1970-Sep 85 (161)  
PB85-867612/CAW NTIS

## Body armor

- Lightweight Armor 1970-Jan 86 (279)  
PB86-855749/CAW NTIS

## Boilers

- Boiler and Steam Generator Corrosion 1970-Jul 86 (342)  
PB86-870979/CAW NTIS
- Fluidized Bed Boilers and Furnaces 1970-1984 (151)  
PB85-852671/CAW PTO
- \* Steam Generators: Water Chemistry Effects 1984-Nov 85 (112)  
PB86-852472/CAW EDB

## Bonding

- Adhesive Bonding of Aluminum and Aluminum Alloys 1970-1986 (255)  
PB87-852935/CAW Ei
- Adhesive Bonding of Aluminum and Aluminum Alloys 1973-Jun 86 (310)  
PB86-873403/CAW RAPRA
- Adhesive Bonding of Composite Materials 1970-1986 (223)  
PB87-852547/CAW Ei
- Adhesive Bonding of Composite Materials 1966-1986 (241)  
PB87-852943/CAW METADEX
- Adhesive Bonding of Copper Base Alloys 1966-Oct 86 (183)  
PB86-876133/CAW METADEX
- Adhesive Bonding of Nickel Base Alloys 1966-May 86 (212)  
PB86-866654/CAW METADEX
- \* Adhesive Bonding of Steels Nov 84-Oct 85 (63)  
PB85-869857/CAW METADEX
- Adhesive Bonding of Steels 1973-Oct 85 (232)  
PB85-869022/CAW RAPRA
- Adhesive Bonding of Textiles 1975-Aug 85 (290)  
PB85-866044/CAW WTA
- Adhesive Bonding of Titanium and Titanium Alloys 1966-Apr 85 (201)  
PB85-857472/CAW METADEX
- \* Adhesives: Properties, Preparation, and Applications Apr 82-May 86 (239)  
PB86-865821/CAW NTIS
- Bonding of Glass Fibers 1970-Sep 86 (75)  
PB86-875846/CAW Ei
- Ceramic-Metal Joining 1975-Jun 86 (86)  
PB86-871050/CAW INSPEC
- Diffusion Bonding 1970-Nov 85 (285)  
PB86-851607/CAW NTIS
- Metals and Alloys: Adhesive Bonding (Excluding Aluminum) 1970-Jul 86 (232)  
PB86-870680/CAW Ei
- Rubber to Metal Bonding 1973-1986 (254)  
PB87-852729/CAW RAPRA
- Tape Automated Bonding Techniques in Integrated Circuit Packaging 1975-Apr 86 (70)  
PB86-864782/CAW INSPEC
- Wire Bonding in Integrated Circuits 1975-Nov 86 (162)  
PB87-851713/CAW INSPEC

## Bone removal

- Deboning Food 1972-Nov 85 (116)  
PB86-852068/CAW FSTA

## Books

- Electronic Publishing: Market Aspects 1983-Jul 86 (93)  
PB86-871829/CAW COM

## Boron reinforced composites

- \* Boron Reinforced Composites May 80-Mar 86 (143)  
PB86-861705/CAW NTIS

## Bottling

- \* Food Bottling Lines and Plants Oct 83-May 86 (137)  
PB86-867256/CAW FSTA
- \* Plastic Bottles Used in the Food Industry Dec 85-Nov 86 (47)  
PB87-850996/CAW FSTA

## Boundary layer transition

- \* Boundary Layer Transition 1981-Mar 85 (153)  
PB85-856128/CAW NTIS

## Brain

- Bioelectric Phenomena: Brain 1972-Aug 85 (198)  
PB85-866481/CAW IAA
- Bioelectric Phenomena: Brain 1975-Aug 85 (303)  
PB85-866846/CAW INSPEC

## Brakes(Motion arresters)

- Aircraft Landing Brakes Jun 70-Apr 85 (192)  
PB85-858660/CAW NTIS
- Landing Brakes for Airplanes Jun 74-Jul 85 (153)  
PB85-864502/CAW IAA
- Motor Vehicle Brake Systems 1973-May 86 (331)  
PB86-864493/CAW ISMEC

## Brakes(Motion arrestors)

- Antilock Brake Mechanisms 1970-Mar 86 (207)  
PB86-862158/CAW PTO

## Brazing

- Brazing and Soldering Aluminum Jun 70-Aug 85 (152)  
PB85-867034/CAW Ei
- Brazing and Soldering Aluminum 1970-Jul 85 (167)  
PB85-863876/CAW NTIS

## Bread

- \* Rheological Properties of Breads and Cereals Sep 84-Aug 85 (36)  
PB85-867133/CAW FSTA

## Breakwaters

- Breakwaters 1977-May 85 (126)  
PB85-860617/CAW SWRA

## Bridges(Structures)

- \* Bridges: Construction and Construction Materials 1978-May 86 (201)  
PB86-868882/CAW NTIS
- \* Earthquake Engineering: Buildings, Bridges, Dams, and Related Structures Mar 83-Nov 86 (299)  
PB87-850731/CAW NTIS

## Bridgman method

- Bridgman Crystal Growth 1975-Sep 86 (139)  
PB86-875309/CAW INSPEC

## Brittleness

- \* Hydrogen Embrittlement of Metals Apr 84-Apr 86 (194)  
PB86-862398/CAW Ei

- \* Hydrogen Embrittlement of Metals 1981-Sep 86 (239)  
PB86-874336/CAW NTIS
- Hydrogen Embrittlement: Aluminum and Aluminum Alloys 1973-May 85 (149)  
PB85-859932/CAW IAA

## Brucellosis

- Brucellosis Diagnosis 1978-Aug 85 (162)  
PB85-866184/CAW LSC

## Bubble memories

- \* Magnetic Bubble Memories Apr 83-1985 (203)  
PB86-853694/CAW INSPEC
- Magnetic Bubble Memories 1970-Mar 86 (148)  
PB86-859360/CAW PTO

## Building codes

- Seismic Design for Buildings and Building Codes 1970-Feb 86 (193)  
PB86-861291/CAW NTIS

## Building fires

- \* Building Fires 1982-Apr 86 (270) Covers studies on the flammability and fire safety of buildings, their construction materials, and their furnishings  
PB86-863149/CAW NTIS

## Building materials

- Adhesives Used on Building Materials 1970-Mar 86 (235)  
PB86-862174/CAW Ei
- Building Acoustics 1970-Nov 85 (298)  
PB86-850641/CAW Ei
- Building Acoustics 1970-Aug 85 (134)  
PB85-866028/CAW PTO
- Building Textiles 1975-Sep 85 (292)  
PB85-867463/CAW WTA
- \* Concretes: Mechanical Properties Nov 82-Nov 85 (135)  
PB86-851854/CAW Ei
- Glass Fiber Reinforced Plastics: Building Applications 1973-Nov 86 (350) Excludes roofing materials and agricultural applications  
PB87-850921/CAW RAPRA
- Plastic Sheathing and Siding: Building Applications 1978-Jun 85 (194)  
PB85-863165/CAW RAPRA
- Plastics Used as Building or Construction Materials 1975-Apr 86 (268)  
PB86-863008/CAW Ei
- Urea Formaldehyde in Building Materials 1973-Nov 86 (320)  
PB87-851952/CAW RAPRA

## Buildings

- Building Acoustics 1970-Nov 85 (298)  
PB86-850641/CAW Ei
- Building Acoustics 1970-Aug 85 (134)  
PB85-866028/CAW PTO
- Building Design and Construction for Arid Regions 1976-Mar 85 (78)  
PB85-855922/CAW EDB
- Building Intrusion Detection and Alarm Systems 1970-Apr 86 (122)  
PB86-865417/CAW PTO
- Comfort and Human Factors in Office and Residential Settings 1970-Jul 86 (124)  
PB86-873577/CAW NTIS
- Computer Aided Design and Manufacturing: Civil Engineering and Construction 1970-Jun 86 (386)  
PB86-870805/CAW NTIS
- Computer Aided Design: Buildings and Building Systems 1970-Aug 86 (106)  
PB86-873908/CAW NTIS
- \* Construction Management Jul 82-May 86 (260)  
PB86-869518/CAW NTIS



- \*Earth Sheltered Constructions Aug 83-Apr 86 (199)  
PB86-865235/CAW EDB
- \*Earthquake Engineering: Buildings, Bridges, Dams, and Related Structures Mar 83-Nov 86 (299)  
PB87-850731/CAW NTIS
- \*Energy Conservation Through Building Design Oct 84-Sep 86 (112)  
PB86-875747/CAW NTIS
- Intelligent Buildings: Shared Multitenant Telecommunications Services Dec 83-Jul 86 (105)  
PB86-871308/CAW COM  
Multifamily Housing Energy Consumption and Conservation 1976-Mar 85 (326)  
PB85-857241/CAW EDB
- Polymer Powder Coatings: Industrial and Building Applications 1973-Feb 86 (115)  
PB86-857588/CAW RAPRA  
Prefabricated Buildings Jun 70-Apr 85 (237)  
Includes building systems  
PB85-859775/CAW Ei
- Prefabricated Homes Jun 70-Feb 86 (185)  
PB86-861200/CAW NTIS
- Radon Detection in Homes and Buildings 1970-Oct 86 (86)  
PB87-850038/CAW NTIS
- Roofs and Roofing Technology 1970-Apr 86 (353)  
PB86-865938/CAW Ei  
Roofs and Roofing Technology 1974-Mar 85 (137)  
PB85-856557/CAW ISMEC
- \*Thermal Insulation for Buildings Sep 82-May 86 (202)  
PB86-868320/CAW Ei
- \*Thermal Insulation for Residential Homes Sep 82-May 86 (329)  
PB86-869039/CAW NTIS

## Bumpers

Automobile Safety: Bumpers 1970-Mar 85 (154)  
PB85-856813/CAW Ei

## Buoys

- Marine Buoys: Design, Applications, and Performance 1978-Nov 86 (199)  
PB87-850715/CAW OCEANIC

## Burglar alarms

- Automotive Anti-Theft Devices 1970-Mar 86 (246)  
PB86-862166/CAW PTO
- Building Intrusion Detection and Alarm Systems 1970-Apr 86 (122)  
PB86-865417/CAW PTO
- Electronic Security Devices and Systems 1970-Jul 86 (140)  
PB86-872009/CAW PTO
- Intrusion and Weapon Detection: Crime Prevention 1970-Feb 86 (214)  
PB86-858271/CAW Ei
- Intrusion and Weapon Detection: Crime Prevention 1970-Jan 86 (301)  
PB86-857604/CAW NTIS
- Security Devices Feb 78-Jul 86 (301)  
PB86-872132/CAW EDB
- Security Devices Apr 77-Aug 86 (356)  
PB86-873486/CAW Ei

## Bus conductors

- IEEE-488 Data Bus 1975-Apr 86 (355)  
PB86-865540/CAW INSPEC
- Microcomputers: S-100 Bus 1978-Jan 86 (100)  
PB86-856366/CAW INSPEC
- Multibus Computer System 1975-Oct 86 (280)  
PB86-876646/CAW INSPEC
- STD BUS System for Microcomputers 1979-Nov 85 (59)  
PB86-851565/CAW INSPEC

- VME Bus: Versatile Microprocessor Bus 1982-Oct 86 (189)  
PB86-876745/CAW INSPEC

## Business

- American Telephone and Telegraph Computers in the Office: Market Aspects 1983-Jul 86 (83)  
PB86-872223/CAW COM
- Business Software 1975-Jan 86 (136)  
PB86-855210/CAW INSPEC
- Electronic Mail: Office Automation 1975-Feb 86 (163)  
PB86-859352/CAW INSPEC
- Employee Ownership of Companies 1974-Jul 86 (225)  
PB86-872587/CAW MC
- Integrated Software 1975-1985 (196) Emphasis is on business applications  
PB86-853611/CAW INSPEC
- IBM Computers in the Office: Market Aspects 1983-Aug 86 (62)  
PB86-873023/CAW COM
- \*Small Businesses: Financial and Technical Assistance Jun 83-Jan 86 (282)  
PB86-856648/CAW MC
- \*Small Businesses: Financial and Technical Assistance Jun 84-Apr 86 (53)  
PB86-863560/CAW NTIS
- Voice Mail 1975-May 86 (119)  
PB86-868932/CAW INSPEC

## Butadiene copolymers

- \*Butadiene-Styrene Copolymers: Properties and Applications Aug 84-Oct 86 (370)  
PB86-877255/CAW RAPRA

## C programming language

- C Programming Language 1975-1986 (377)  
PB87-853164/CAW INSPEC

## Cable television

Cable Television 1970-Jun 85 (110)  
PB85-861797/CAW PTO

## Cables(Mechanical)

Mooring Cables 1970-Nov 85 (267)  
PB86-850898/CAW Ei

## Cache memories

- Cache Memories 1975-Jan 86 (133)  
PB86-855731/CAW INSPEC
- Cache Memories 1970-Mar 86 (126)  
PB86-860202/CAW PTO

## Cadmium

- Cadmium Exposure: Toxicity in Humans 1978-Apr 86 (280)  
PB86-866837/CAW LSC
- \*Cadmium Pollution May 83-May 85 (259)  
PB85-861607/CAW NTIS

## Caffeine

- \*Caffeine in Food and Beverages Jul 85-Jun 86 (56) Covers biological effects, analysis, and removal  
PB86-869831/CAW FSTA
- \*Caffeine: Biochemical and Physiological Effects Jun 85-May 86 (53)  
PB86-868361/CAW LSC

## Calcium

- Calcium in Foods 1972-Feb 86 (124)  
PB86-859238/CAW FSTA

## Calculators

- Hewlett Packard HP-41 Series Programmable Calculators 1980-Jan 86 (137)  
PB86-857232/CAW INSPEC

## Calibrating

- Automatic Calibration of Electronic Equipment 1975-May 86 (208)  
PB86-867108/CAW INSPEC

## Cameras

- X Ray Cameras 1975-Jul 86 (165)  
PB86-872033/CAW INSPEC

## Camouflage

- \*Camouflage Oct 84-Apr 86 (51)  
PB86-864279/CAW NTIS

## Canard configurations

Canard Configurations 1972-Oct 85 (233)  
PB85-869295/CAW IAA

## Cancer

- Cancer Treatment 1970-Jul 85 (169)  
PB85-864650/CAW PTO
- Interferon: Treatment for Cancer 1978-Aug 85 (225)  
PB85-867091/CAW LSC
- Leukemia in Children: Therapy 1978-Oct 85 (122)  
PB85-869030/CAW LSC
- Preventive Medicine: Cancer 1970-Jul 85 (112)  
PB85-864015/CAW NTIS
- \*Toxicity of Fibers Jul 83-Oct 86 (389)  
PB87-850236/CAW EDB
- Toxicity of Selenium 1976-Oct 85 (349)  
PB85-869204/CAW EDB

## Capacitors

- Ceramic Capacitors Jun 70-Nov 86 (214)  
PB87-850251/CAW Ei
- Ceramic Capacitors Jun 70-Apr 86 (120)  
PB86-864857/CAW NTIS
- Ceramic Capacitors 1970-Jul 86 (176)  
PB86-870912/CAW PTO
- \*Switched Capacitor Filters Mar 83-1984 (109)  
PB85-851699/CAW INSPEC

## Capital

- Venture Capital 1970-Jul 86 (314) Includes capital for research and development  
PB86-872082/CAW NTIS

## Carbon

- \*Carbon Black Dec 83-May 85 (81)  
PB85-860880/CAW Ei
- Carbon Black in Elastomers 1970-1985 (248)  
PB86-857273/CAW Ei
- Carbon Black Filled Rubbers 1973-Jan 86 (129)  
PB86-856242/CAW RAPRA
- Diamond-Like Carbon Films 1975-Apr 86 (62)  
PB86-863669/CAW INSPEC

## Carbon dioxide

- Carbon Dioxide and Climate 1970-May 86 (179)  
PB86-866563/CAW NTIS

## Carbon dioxide lasers

- \*Carbon Dioxide Lasers Apr 85-Mar 86 (165)  
PB86-859477/CAW Ei
- \*Carbon Dioxide Lasers Sep 80-Jan 86 (223)  
PB86-858701/CAW NTIS
- Carbon Dioxide Waveguide Lasers 1976-Feb 86 (207)  
PB86-860517/CAW EDB
- Carbon Dioxide Waveguide Lasers 1972-Aug 85 (223)  
PB85-867158/CAW IAA



## Carbon fibers

- \*Carbon and Graphite: Carbon and Graphite Fibers and Fiber Composites Jun 83-Apr 86 (387)  
PB86-868197/CAW NTIS

## Carbon monoxide

- Carbon Monoxide Toxicity 1978-1985 (282)  
PB86-853132/CAW LSC

## Carbon monoxide lasers

- \*Carbon Monoxide Lasers May 83-Apr 86 (66)  
PB86-865649/CAW IAA

## Carbon reinforced plastics

- Carbon Fiber Reinforced Plastics (Nongraphite): Aerospace Applications 1973-May 86 (249)  
PB86-868759/CAW RAPRA
- Carbon Fiber Reinforced Plastics (Nongraphite): Non-Aerospace Applications 1973-May 86 (183)  
PB86-868445/CAW RAPRA
- Carbon Fiber Reinforced Plastics (Nongraphite): Properties and Tests 1973-May 86 (252)  
Excludes applications  
PB86-868742/CAW RAPRA

## Carburetors

- \*Carburetors: Design and Analysis Jun 83-Jul 86 (237)  
PB86-871191/CAW EDB

## Carcinogenesis

- Mycotoxin Carcinogenicity in Food 1972-Nov 85 (85)  
PB86-850070/CAW FSTA

## Carcinogens

- \*Carcinogenicity Testing Methods 1984-Apr 85 (70)  
PB85-857852/CAW LSC
- \*GRAS (Generally Recognized as Safe) Food Ingredients Jul 79-May 86 (120)  
PB86-868593/CAW NTIS
- Toxicity of Aromatic Polycyclic Hydrocarbons 1978-Nov 86 (278)  
PB87-850582/CAW LSC

## Cardiac assist devices

- Biomedical Engineering: Artificial Hearts and Heart Valves 1975-May 86 (184)  
PB86-867637/CAW INSPEC
- Cardiac Pacemakers 1976-Apr 86 (220)  
PB86-864022/CAW EDB
- Cardiac Pacemakers 1970-Jul 85 (183)  
PB85-865087/CAW PTO
- Cardiac Pacemakers: Design, Functions, and Problems 1976-Jan 86 (263)  
PB86-855228/CAW INSPEC

## Cardiac monitors

- Cardiac Monitors: Design and Applications Jun 70-Apr 86 (214)  
PB86-866902/CAW NTIS

## Cardiography

- Cardiac Monitors: Design and Applications Jun 70-Feb 86 (179)  
PB86-857315/CAW Ei

## Cardiovascular diseases

- Blood Flow Measurement 1970-Feb 86 (180)  
PB86-858180/CAW PTO
- Preventive Medicine: Cardiovascular Diseases 1970-Jul 85 (72)  
PB85-863975/CAW NTIS

## Career development

- \*Career Development 1985-Jan 86 (134)  
PB86-857067/CAW MC

## Cargo transportation

- Coal Transportation 1970-Jan 86 (179)  
PB86-856283/CAW NTIS
- \*Railroad Freight Transportation. 1981-1985 (199)  
PB86-854437/CAW NTIS
- \*Shipbuilding and Shipping Industries: Government Regulations Feb 84-May 85 (132)  
PB85-861565/CAW OCEANIC

## Carpets

- Carpet Manufacturing 1975-Sep 85 (173)  
PB85-867364/CAW WTA

## Casting

- \*Aluminum Castings Jul 84-Jun 86 (118)  
PB86-870078/CAW Ei
- Carbon Black in Elastomers 1970-1985 (248)  
PB86-857273/CAW Ei
- Continuous Metal Casting Jun 70-Jun 85 (171)  
PB85-863058/CAW Ei
- Investment Casting 1970-May 86 (194)  
PB86-865870/CAW Ei
- Slip Casting of Refractory Materials 1966-May 86 (92)  
PB86-864568/CAW METADEX
- Titanium: Castings and Casting 1970-May 86 (153)  
PB86-867249/CAW NTIS
- Ultrasonic Nondestructive Testing for Castings and Forgings 1966-Jun 86 (307)  
PB86-870193/CAW METADEX

## Catalysts

- Catalytic Recombination of Hydrogen and Oxygen Jun 76-Apr 86 (121)  
PB86-867660/CAW EDB
- Cracking Catalysts 1977-1985 (286)  
PB86-854528/CAW EDB
- \*Zeolites in Catalysis Jun 83-Feb 85 (235)  
PB85-854826/CAW EDB

## Catalytic cracking

- Catalytic Cracking Jun 70-Nov 85 (319)  
PB85-871846/CAW Ei
- Catalytic Cracking Jun 70-Nov 85 (218)  
PB86-852274/CAW NTIS
- Cracking Catalysts 1977-1985 (286)  
PB86-854528/CAW EDB

## Catalytic reactors(Exhaust systems)

- \*Air Pollution Control Equipment: Catalytic Converters 1983-Jun 86 (74)  
PB86-869112/CAW Ei

## Catfishes

- Economics of Catfish as Food Fish 1972-Apr 86 (114)  
PB86-864600/CAW FSTA

## Catheters

- Urinary and Rectal Catheters 1970-Aug 85 (122)  
PB85-865616/CAW PTO

## Cathode ray tubes

- Cathode Ray Tubes Jun 70-Jul 86 (350)  
PB86-873635/CAW Ei
- Cathode Ray Tubes: Display Devices 1973-Aug 86 (118)  
PB86-873643/CAW NTIS
- Cathode Ray Tubes: Display Systems Technology 1970-Sep 86 (286)  
PB86-875812/CAW NTIS
- Cathode Ray Tubes: Flight Display Instruments 1970-Oct 85 (139)  
PB85-871275/CAW NTIS

## Cathodes

- Thermionic Cathodes 1972-Nov 85 (134)  
PB86-852142/CAW IAA
- \*Thermionic Cathodes May 85-Apr 86 (68)  
PB86-863750/CAW INSPEC

## Cathodic coating

- Cathodic Electrocoating 1980-Apr 85 (267)  
PB85-858462/CAW WSC

## Cathodic protection

- \*Cathodic Protection Aug 81-Sep 85 (253)  
PB85-858065/CAW Ei
- Cathodic Protection 1970-Jul 85 (175)  
PB85-863884/CAW NTIS
- Corrosion Prevention in Saline Environments 1966-Aug 85 (295)  
PB85-865947/CAW METADEX
- Corrosion Prevention: Cathodic Protection 1966-Oct 85 (327)  
PB85-869774/CAW METADEX
- Underground Corrosion of Steels: Cathodic Protection and Protective Coatings 1966-Jul 86 (170)  
PB86-870896/CAW METADEX

## Cathodoluminescence

- \*Cathodoluminescence May 84-Jun 85 (51)  
PB85-862522/CAW Ei
- Cathodoluminescence 1970-Jun 86 (97)  
PB86-869658/CAW NTIS

## Cavitation

- \*Cavitation: Cavitation Flow 1974-Jul 86 (369)  
PB86-871035/CAW NTIS

## Cells(Biology)

- Cell Sorting 1978-Aug 85 (58)  
PB85-865756/CAW LSC
- Dielectrophoresis 1975-Mar 86 (67)  
PB86-860244/CAW INSPEC
- \*Immobilized Microbial Cells: Production and Conversion of Products Oct 84-Nov 85 (82)  
PB86-852092/CAW LSC
- Low Level Radiation and Human Chromosome Aberrations 1976-1985 (94)  
PB86-856663/CAW EDB
- Microtubule Structures 1978-Aug 86 (120)  
PB86-874575/CAW LSC

## Cellular plastics

- Cellular Plastic Materials 1970-May 85 (112)  
PB85-860724/CAW PTO
- \*Foamed Plastics: Polyurethane Foams 1979-Mar 86 (205)  
PB86-862182/CAW NTIS
- \*Foamed Plastics: Styrene, Silicone, Epoxy, and Other Polymeric Foams 1979-May 86 (204)  
Excludes urethane and isocyanate polymeric foams  
PB86-868486/CAW NTIS
- Plastic Foam Coating: Processes, Formulations, and Applications 1975-Apr 86 (299)  
PB86-864410/CAW RAPRA
- Polymeric Foam Mattresses 1977-Aug 86 (206)  
PB86-872835/CAW RAPRA

## Cellular radio

- \*Cellular Radio Mar 85-Mar 86 (175)  
PB86-859683/CAW INSPEC

## Cellulose

- Cellulose and Lignin: Biodegradation 1978-Nov 85 (310)  
PB85-871820/CAW LSC
- Cellulose Membrane Products 1970-Feb 86 (137)  
PB86-858321/CAW PTO



- Products from Cellulose Fibers (Excluding Textiles and Membranes) 1970-Feb 86 (246)  
PB86-858362/CAW PTO

## Central processing units

- Computer Processor Architecture (Excluding Microprocessors) 1971-Jan 86 (158)  
PB86-857406/CAW Ei

## Centrifugal compressors

- Centrifugal Compressors 1973-Oct 86 (227)  
PB86-876968/CAW ISMEC

## Centrifuge enrichment plants

Isotope Separation by Centrifugation 1976-Sep 85 (170)  
PB85-868800/CAW EDB

## Centrifuges

- \*Centrifuges May 83-Apr 86 (177)  
PB86-867843/CAW NTIS

Isotope Separation by Centrifugation 1976-Sep 85 (170)  
PB85-868800/CAW EDB

## Cepstrum

Cepstrum 1975-Sep 85 (209)  
PB85-868495/CAW INSPEC

## Ceramics

- Ceramic Bearings 1974-Nov 86 (359)  
PB87-851051/CAW IAA
- Ceramic Bearings Jun 70-Nov 85 (88)  
PB86-850492/CAW NTIS
- Ceramic Capacitors Jun 70-Nov 86 (214)  
PB87-850251/CAW Ei
- Ceramic Capacitors 1970-Jul 86 (176)  
PB86-870912/CAW PTO
- Ceramic Coatings 1970-Jul 86 (92)  
PB86-871837/CAW PTO
- Ceramic Coatings 1980-Nov 86 (150)  
PB87-851606/CAW WSC
- \*Ceramic Coatings for Wear and Corrosion Resistance at High Temperatures Sep 84-Aug 86 (154)  
PB86-872546/CAW METADEX
- \*Ceramic Cutting Tools Apr 85-Feb 86 (67)  
PB86-859949/CAW METADEX
- Ceramic Engine Components 1970-Sep 86 (192)  
PB86-875416/CAW PTO
- Ceramic Ferrite Materials 1975-Aug 86 (64)  
PB86-873320/CAW INSPEC
- Ceramic Fibers as Reinforcing Material 1970-Jun 86 (99) Excludes glass fibers  
PB86-871324/CAW NTIS
- Ceramic Heat Exchangers 1970-1986 (115)  
PB87-853040/CAW PTO
- Ceramic Prosthetic and Implant Devices 1970-May 86 (70)  
PB86-868072/CAW PTO
- Ceramic Reinforced Plastics 1973-Oct 86 (67)  
PB86-876497/CAW RAPRA
- Ceramic Sensors 1970-Oct 86 (255)  
PB86-876448/CAW PTO
- \*Ceramic Tools for Metal Finishing and Cutting Jan 85-Dec 85 (65)  
PB86-853975/CAW METADEX
- Ceramic Tribological Materials 1973-Nov 86 (195)  
PB87-850608/CAW BHRA FLUID
- Ceramic Tribological Materials 1970-1985 (69)  
PB86-853926/CAW PTO
- Ceramic-Metal Joining 1975-Jun 86 (86)  
PB86-871050/CAW INSPEC
- Ceramics Technology: Aircraft Engine Component Applications 1970-Oct 86 (49)  
PB86-876356/CAW Ei

- Ceramics Technology: Aircraft Engine Component Applications 1970-Oct 86 (61)  
PB86-876364/CAW NTIS
- Ceramics Technology: Automotive Gas Turbine Engine Component Applications 1976-Oct 86 (148)  
PB86-876380/CAW EDB
- Ceramics Technology: Automotive Gas Turbine Engine Component Applications 1976-Oct 86 (83)  
PB86-876372/CAW NTIS
- Dielectric Ceramic Compositions 1970-Apr 86 (121)  
PB86-863198/CAW PTO
- Ferroelectric and Optical Ceramics 1971-May 86 (111)  
PB86-864576/CAW SPIN
- \*Fracture of Ceramics Sep 82-Apr 86 (318)  
PB86-867470/CAW NTIS
- Glass-Ceramic Compositions 1970-May 86 (144)  
PB86-869260/CAW PTO
- Lightweight Armor 1970-Jan 86 (279)  
PB86-855749/CAW NTIS
- \*Magnesium Oxide Ceramics and Refractories Apr 81-Sep 85 (256)  
PB85-868016/CAW Ei
- Multilayer Ceramic Substrates 1975-Apr 86 (96)  
PB86-863610/CAW INSPEC
- Nondestructive Testing of Ceramics 1970-Oct 86 (87)  
PB86-876349/CAW Ei
- Nondestructive Testing of Ceramics 1972-Oct 86 (125)  
PB86-876075/CAW IAA
- Nondestructive Testing of Ceramics 1979-Oct 86 (85)  
PB86-876331/CAW METADEX
- Nondestructive Testing of Ceramics 1970-Sep 86 (176)  
PB86-875242/CAW NTIS
- Piezoelectric Ceramics 1970-Jul 86 (324)  
PB86-870615/CAW Ei
- \*Piezoelectric Ceramics Jul 83-Jun 86 (200)  
PB86-869203/CAW INSPEC
- Piezoelectric Ceramics 1970-Mar 86 (167)  
PB86-861044/CAW PTO
- Piezoelectric Ceramics 1971-Aug 86 (129)  
PB86-872520/CAW SPIN
- PLZT Ceramics: Applications in Optics and Image Storage 1975-Apr 86 (185)  
PB86-865862/CAW INSPEC
- Reaction Sintering 1975-Jul 86 (87)  
PB86-872249/CAW INSPEC
- \*Silicon Nitride Ceramics and Refractories Feb 84-Jan 86 (130)  
PB86-855608/CAW Ei
- \*Silicon Nitride Ceramics and Refractories Apr 84-Mar 86 (115)  
PB86-859196/CAW NTIS
- Silicon Nitrides 1970-Jan 86 (130)  
PB86-856382/CAW PTO
- Sol Gel Processes 1976-Sep 86 (202)  
PB86-875614/CAW EDB
- Sol Gel Processes 1970-Jan 86 (92)  
PB86-856747/CAW Ei
- Sol Gel Techniques: Glass and Ceramic Materials 1975-Jan 86 (76)  
PB86-856861/CAW INSPEC
- \*Steel Pouring Ladle Liners: Refractory Service Life Mar 84-Feb 85 (43)  
PB85-855211/CAW METADEX
- SIALON Ceramics 1975-Sep 86 (97)  
PB86-874757/CAW IAA
- SIALON Ceramics 1975-Sep 86 (182)  
PB86-874773/CAW INSPEC

## Cereals

- Pesticide Residues in Cereals and Cereal Products 1972-1986 (237)  
PB87-852984/CAW FSTA

- \*Rheological Properties of Breads and Cereals Sep 84-Aug 85 (36)  
PB86-867133/CAW FSTA

- Storage and Drying of Cereals 1972-1986 (230)  
PB87-853248/CAW FSTA

## Cermets

- Cermets 1970-Jun 86 (197)  
PB86-869641/CAW PTO
- Cermets: Fabrication and Applications 1970-Oct 86 (294)  
PB86-877073/CAW Ei
- \*Cermets: Fabrication and Applications Nov 84-Apr 86 (75)  
PB86-860095/CAW IAA

## Character recognition

- Handwriting Recognition by Computer 1975-Sep 86 (88)  
PB86-875002/CAW INSPEC
- \*Optical Character Recognition Feb 81-Jul 86 (262)  
PB86-870946/CAW Ei
- Optical Character Recognition 1970-Aug 86 (143)  
PB86-873841/CAW NTIS
- Pattern Recognition 1970-Jan 86 (165)  
PB86-855707/CAW PTO

## Charge carriers

- Ballistic Electron Transport Phenomena 1975-May 86 (69)  
PB86-867298/CAW INSPEC
- Minority Carrier Lifetime in Silicon 1975-Oct 86 (135)  
PB86-877396/CAW INSPEC

## Charge coupled devices

- Charge Coupled Device Imaging 1975-Feb 86 (310)  
PB86-857562/CAW INSPEC
- Charge Coupled Devices 1970-Feb 86 (208)  
PB86-857976/CAW PTO
- Charge Injection Devices 1975-Mar 86 (102)  
PB86-861234/CAW INSPEC
- Charged Coupled Device Filters 1975-1985 (186)  
PB86-854718/CAW INSPEC

## Cheeses

- Cheddar Cheese: Flavor 1972-Oct 85 (179)  
PB85-870780/CAW FSTA
- Dairy Flavor: Cheese (Other Than Cheddar) 1972-May 86 (90)  
PB86-869427/CAW FSTA
- Dairy Products: Lactic Acid Bacteria 1984-Apr 85 (66)  
PB85-859882/CAW FSTA
- Dairy Products: Lactic Acid Bacteria 1975-1983 (338)  
PB85-859874/CAW FSTA

## Chelation

- Chelating Agents in Plating Processes 1970-Jan 86 (115)  
PB86-855509/CAW PTO

## Chemical analysis

- \*Activated Carbon: Utilization Excluding Industrial Waste Treatment Feb 83-Apr 86 (345)  
PB86-867744/CAW Ei
- Affinity Chromatography 1970-Mar 86 (92)  
Applied to separation of biological materials  
PB86-859329/CAW PTO
- Aspartame in Foods 1972-Aug 86 (101)  
PB86-872959/CAW FSTA
- \*Cadmium Pollution May 83-May 85 (259)  
PB85-861607/CAW NTIS



- Ceramic Coatings 1980-Nov 86 (150)  
PB87-851606/CAW WSC
- \*Chemical Analysis of Aerosols and Airborne Particulates Jul 80-Sep 86 (301) Excludes citations pertaining specifically to sampling techniques and particle size analysis  
PB86-875069/CAW NTIS
- \*Chemical Analysis Techniques of Trace Elements Feb 84-Feb 86 (142)  
PB86-857240/CAW NTIS
- Chemiluminescence: Measuring Methods 1976-Mar 86 (215)  
PB86-859568/CAW EDB
- Chemiluminescence: Measuring Methods 1970-Sep 85 (216)  
PB85-868289/CAW NTIS
- \*Chromatography for Air Pollution Analysis Jul 85-Jun 86 (103)  
PB86-869559/CAW EDB
- \*Chromatography for Pollution and Toxicological Analysis Feb 84-1985 (190)  
PB86-855129/CAW Ei
- \*Chromatography for Pollution and Toxicological Analysis 1983-Nov 85 (198)  
PB85-872661/CAW NTIS
- Chromatography for Water Pollution Analysis 1977-Aug 85 (195)  
PB86-873619/CAW EDB
- Cocoa and Chocolate Products: Methods for Analysis 1972-Jul 86 (339)  
PB86-870631/CAW FSTA
- Computerized Chromatographic Analysis 1970-Mar 85 (137)  
PB85-856326/CAW Ei
- Cosmetics: Chemical and Biological Analysis 1978-1983 (214)  
PB85-861060/CAW LSC
- Cosmetics: Chemical and Biological Properties 1984-Apr 86 (200)  
PB86-864980/CAW LSC
- Essential Oils: Chemical Analysis by the Food and Beverage Industry 1972-1985 (243)  
PB86-854536/CAW FSTA
- Food Analysis: Headspace Gas Chromatography 1972-Apr 86 (119)  
PB86-859394/CAW FSTA
- Food Antioxidants: Analytical Techniques 1972-Jul 85 (158)  
PB85-864973/CAW FSTA
- Food Colorant Analytical Techniques 1972-Jul 85 (315)  
PB85-864411/CAW FSTA
- \*Gel Permeation Chromatography Jul 83-Jul 86 (280)  
PB86-872074/CAW Ei
- Herbicide Residues: Methods for the Detection and Monitoring 1970-Nov 86 (156)  
PB87-851846/CAW POLLUTION
- High Performance Liquid Chromatographic Determination of Foods 1975-Jun 86 (349)  
PB86-869468/CAW FSTA
- \*High Performance Liquid Chromatography Jul 83-Sep 86 (347)  
PB86-874492/CAW EDB
- \*High Performance Liquid Chromatography Jan 85-Dec 85 (196)  
PB86-854015/CAW Ei
- Ion Mass Spectrometers: Applications and Equipment 1976-Jul 85 (103)  
PB85-865459/CAW Ei
- Ion Microprobe Mass Analysis 1975-Apr 86 (66)  
PB86-862018/CAW INSPEC
- Ion Selective Electrode Analysis: Food Industry Applications 1972-Apr 86 (87)  
PB86-866555/CAW FSTA
- Ion Selective Electrodes 1970-Aug 86 (186)  
PB86-873957/CAW Ei
- Ion Selective Electrodes 1970-Jun 86 (176)  
PB86-869591/CAW NTIS
- Ion Selective Electrodes 1970-Jun 86 (72)  
PB86-870458/CAW PTO
- Liquid Membranes 1970-Apr 86 (64)  
PB86-865995/CAW Ei
- Lubricating Oil Analysis for Wear Monitoring 1970-Apr 86 (81)  
PB86-866266/CAW NTIS
- Oil Pollution Sampling, Detection, and Analysis 1976-Jul 85 (176) Excludes citations specifically on pollution effects on flora and fauna  
PB85-863595/CAW NTIS
- Separation of Proteins and Peptides by Chromatography 1978-Mar 86 (173)  
PB86-863784/CAW LSC
- \*Spices: Chemical Analysis Feb 83-Mar 86 (161)  
PB86-859071/CAW FSTA
- Water Chemistry: Analysis for Heavy Metals 1977-May 83 (330)  
PB85-860831/CAW SWRA
- Water Chemistry: Analysis For Heavy Metals Jun 83-May 86 (94)  
PB86-866381/CAW SWRA
- \*X Ray Fluorescence Analysis Jul 80-Feb 86 (269)  
PB86-858438/CAW NTIS
- X Ray Powder Diffraction Studies of Metals and Alloys 1966-Jul 86 (192)  
PB86-872124/CAW METADEX

## Chemical compounds

- Hazardous Materials Transportation 1977-Apr 86 (327) Excludes radioactive wastes and materials  
PB86-865268/CAW NTIS
- Leachate Treatment 1972-Nov 85 (73)  
PB85-871754/CAW POLLUTION

## Chemical industry

- Chemical Industry and Technology: Adaptive Control Systems 1975-Jun 85 (125)  
PB85-863660/CAW INSPEC
- Chemical Industry: Government Regulations 1976-Nov 85 (121)  
PB85-871838/CAW EDB
- Chemical Industry: Government Regulations 1970-Nov 85 (162)  
PB85-872232/CAW NTIS
- High Temperature and Fluid Wall Reactors 1970-Jan 86 (94)  
PB86-855566/CAW PTO
- Safety in the Chemical Industry 1970-Feb 86 (262)  
PB86-860004/CAW Ei
- \*Waste Processing and Pollution in the Chemical and Petrochemical Industries Mar 83-Nov 85 (245)  
PB86-852381/CAW NTIS
- Wastewater Treatment: Chemical Industry 1970-Oct 85 (224)  
PB85-870145/CAW POLLUTION

## Chemical lasers

- Halogen and Rare Gas Chemical Lasers 1976-Sep 85 (344)  
PB85-868339/CAW EDB
- \*Hydrogen Fluoride and Deuterium Fluoride Lasers 1976-Jan 86 (254)  
PB86-857802/CAW NTIS

## Chemical reactions

- Chemical Reaction Kinetics: Modeling 1975-Nov 85 (261)  
PB85-871762/CAW INSPEC

## Chemical vapor deposition

- \*Chemical Vapor Deposition Aug 84-Jul 86 (140)  
PB86-871126/CAW NTIS
- Chemical Vapor Deposition for Semiconductor Materials and Devices 1970-Apr 86 (97)  
PB86-862547/CAW PTO
- Laser Chemical Vapor Deposition 1978-Apr 86 (126)  
PB86-865102/CAW INSPEC

- Metal-Organic Chemical Vapor Deposition in GaAs Semiconductor Fabrication 1975-May 86 (177)  
PB86-868973/CAW INSPEC
- Protective Coatings: Vapor Deposition 1966-Nov 86 (222)  
PB87-851390/CAW METADEX

## Chemical warfare agents

- \*Chemical and Biological Warfare: Biology, Chemistry, and Toxicology Feb 81-Apr 86 (203) Excludes the biochemistry and therapy of cholinesterase inhibitors  
PB86-862638/CAW NTIS
- Chemical and Biological Warfare: Defoliants and Herbicides 1970-Apr 86 (203)  
PB86-862653/CAW NTIS
- \*Chemical and Biological Warfare: Detection and Warning Systems Jun 84-Apr 86 (58)  
PB86-862588/CAW NTIS
- \*Chemical and Biological Warfare: General Studies 1979-Apr 86 (177) Covers warfare planning, civil defense, aerial dissemination, containers, and delivery systems  
PB86-862596/CAW NTIS
- \*Chemical and Biological Warfare: Protection, Decontamination, and Disposal 1979-Jun 86 (264)  
PB86-868668/CAW NTIS

## Chemiluminescence

- Chemiluminescence: Measuring Methods 1976-Mar 86 (215)  
PB86-859568/CAW EDB
- Chemiluminescence: Measuring Methods 1970-Sep 85 (216)  
PB85-868289/CAW NTIS

## Child restraint systems

- Child Restraint Systems 1970-Feb 86 (52)  
PB86-860251/CAW NTIS

## Children

- Company Supported Child Care 1974-Jul 86 (71)  
PB86-874088/CAW MC
- Educational Toys 1970-Jun 85 (136)  
PB85-863207/CAW PTO
- Leukemia in Children: Therapy 1978-Oct 85 (122)  
PB85-869030/CAW LSC

## Chlamydia

- Chlamydia: Detection Methods 1978-Feb 85 (169)  
PB85-856631/CAW LSC

## Chloroprene resins

- Chloroprene Polymers 1979-May 85 (136)  
PB85-860286/CAW RAPRA

## Chocolate

- Cocoa and Chocolate Products: Methods for Analysis 1972-Jul 86 (339)  
PB86-870631/CAW FSTA

## Cholesterol

- Cholesterol in Foods and Its Effects on Animals and Humans Sep 74-Apr 86 (378)  
PB86-862901/CAW FSTA

## Chromatography

- Affinity Chromatography 1970-Mar 86 (92) Applied to separation of biological materials  
PB86-859329/CAW PTO
- Biopolymers 1978-Apr 86 (76)  
PB86-863305/CAW LSC
- Capillary Chromatography of Foods Jul 73-Aug 85 (201)  
PB85-866374/CAW FSTA



- \*Chromatography for Air Pollution Analysis Jul 85-Jun 86 (103)  
PB86-869559/CAW EDB
- \*Chromatography for Pollution and Toxicological Analysis Feb 84-1985 (190)  
PB86-855129/CAW Ei
- \*Chromatography for Pollution and Toxicological Analysis 1983-Nov 85 (198)  
PB85-872661/CAW NTIS
- Chromatography for Water Pollution Analysis 1977-Aug 85 (195)  
PB86-873619/CAW EDB
- Chromatography of Pharmaceuticals Jun 70-Jul 85 (190)  
PB85-865467/CAW NTIS
- Computerized Chromatographic Analysis 1970-Mar 85 (137)  
PB85-856326/CAW Ei
- Electrochromic Displays 1970-1985 (200)  
PB86-853314/CAW PTO
- Food Analysis: Headspace Gas Chromatography 1972-Apr 86 (119)  
PB86-859394/CAW FSTA
- \*Gel Permeation Chromatography Jul 83-Jul 86 (280)  
PB86-872074/CAW Ei
- High Performance Liquid Chromatographic Determination of Foods 1975-Jun 86 (349)  
PB86-869468/CAW FSTA
- \*High Performance Liquid Chromatography Jul 83-Sep 86 (347)  
PB86-874492/CAW EDB
- \*High Performance Liquid Chromatography Jan 85-Dec 85 (196)  
PB86-854015/CAW Ei
- Separation of Proteins and Peptides by Chromatography 1978-Mar 86 (173)  
PB86-863784/CAW LSC
- Supercritical Fluids 1970-Apr 86 (52)  
PB86-863719/CAW Ei

## Chromium

- Chromium Toxicity 1978-1986 (375)  
PB87-852398/CAW LSC
- \*Electroplating of Chromium Jun 85-May 86 (52)  
PB86-868254/CAW METADEX
- Electroplating of Chromium 1970-Nov 85 (196)  
PB86-851649/CAW NTIS

## Chromosomes

- Low Level Radiation and Human Chromosome Aberrations 1976-1985 (94)  
PB86-856663/CAW EDB

## Cigarette smoking

- Cigarette Pollution Effects on Humans 1978-Oct 86 (303)  
PB86-875895/CAW POLLUTION
- Cigarette Smoking 1970-Feb 86 (299)  
PB86-859550/CAW NTIS

## Circuit protection

- \*Lightning, Surge, and Transient Protection Dec 82-Aug 86 (180) Excludes electromagnetic shielding  
PB86-872801/CAW NTIS
- Telecommunication Equipment: Atmospheric Discharge Protection 1975-May 86 (187)  
PB86-865367/CAW INSPEC

## Circuits

- Application Specific Integrated Circuits 1975-Sep 86 (61)  
PB86-875325/CAW INSPEC
- \*Computer Aided Design of Microcircuits Dec 85-Nov 86 (272)  
PB87-850897/CAW Ei
- \*Computer Aided Design of Microcircuits 1985-Feb 86 (54)  
PB86-860038/CAW NTIS

- \*CMOS Integrated Circuits 1985-Jan 86 (277)  
PB86-856192/CAW INSPEC
- \*Electrical Fault Location Nov 81-Feb 86 (86)  
PB86-858511/CAW Ei
- Electrical Fault Location 1970-Sep 85 (81)  
PB85-868545/CAW NTIS
- Electronic Circuit Simulation Computer Program: SPICE 1976-Jan 86 (200)  
PB86-858487/CAW INSPEC
- Emitter Coupled Logic Jun 70-Jan 86 (160)  
PB86-857646/CAW Ei
- \*Encapsulation of Electronic Circuits 1983-Mar 86 (111)  
PB86-862752/CAW Ei
- \*Encapsulation of Electronic Circuits Aug 82-Nov 86 (199)  
PB87-851077/CAW NTIS
- Flexible Circuits Jun 70-Nov 86 (149)  
PB87-851325/CAW Ei
- \*Flexible Circuits 1983-Mar 86 (126)  
PB86-863032/CAW INSPEC
- Flexible Circuits 1970-Oct 86 (208)  
PB86-877172/CAW PTO
- Gallium Arsenide Circuitry: Market Aspects 1983-May 86 (74)  
PB86-869047/CAW COM
- High Voltage Integrated Circuits 1975-Jun 86 (99)  
PB86-869757/CAW INSPEC
- Hybrid Microelectronic Circuits Jun 76-Apr 85 (93)  
PB85-858439/CAW EDB
- Hybrid Microelectronic Circuits Jun 74-Oct 85 (305)  
PB85-869253/CAW IAA
- Integrated Circuit Custom Designs 1975-Mar 86 (181)  
PB86-861184/CAW INSPEC
- \*Integrated Circuits Reliability Jun 84-Jun 86 (70)  
PB86-869385/CAW IAA
- \*Integrated Circuits Reliability Apr 76-Aug 86 (315)  
PB86-872975/CAW NTIS
- Integrated Circuits: Laser Annealing 1975-Sep 86 (109)  
PB86-875317/CAW INSPEC
- \*Integrated Circuits: Reliability Feb 84-Mar 85 (149)  
PB85-857159/CAW EDB
- Large and Very Large Scale Integration: Isolation Techniques 1975-Sep 86 (159)  
PB86-875044/CAW INSPEC
- Large Scale and Very Large Scale Integration Chips 1970-Jul 86 (123)  
PB86-870961/CAW PTO
- Manufacturing Computer Control in Gate Array Technology 1981-Feb 85 (92)  
PB85-855427/CAW INSPEC
- Printed Circuit Board Coating and Plating 1970-Nov 86 (174)  
PB87-850749/CAW PTO
- Printed Circuit Boards: Through-Hole Plating Technology 1975-Jan 86 (61)  
PB86-856713/CAW INSPEC
- Printed Circuit Solderability: Techniques and Materials 1975-Jun 86 (108)  
PB86-869187/CAW INSPEC
- \*Printed Circuits Jun 81-Nov 86 (263)  
PB87-850137/CAW NTIS
- Printed Circuits: Coatings 1980-Mar 86 (75)  
PB86-860632/CAW WSC
- Printed Wiring Devices 1970-Jun 85 (191)  
PB85-861466/CAW PTO
- \*Programmable Logic Arrays Jan 85-Dec 85 (53)  
PB86-854031/CAW INSPEC
- Radiation Hardening of Electronic Circuits 1975-Oct 86 (305) Excludes citations concerning single devices, or on circuit or component shielding  
PB86-877008/CAW INSPEC

- Semiconductor Packaging 1975-Sep 86 (220)  
PB86-875432/CAW INSPEC
- Silicon Chip Integrated Circuits 1975-Nov 86 (79)  
PB87-851739/CAW INSPEC
- \*Soldering Electronics Dec 85-Nov 86 (142)  
PB87-850913/CAW Ei
- Submicron Technology: Chip Manufacture and Characteristics 1972-Oct 86 (248)  
PB86-877347/CAW Ei
- Submicron Technology: Circuit Analysis and Design 1975-Oct 85 (162)  
PB85-872646/CAW INSPEC
- Submicron Technology: Circuit Fabrication 1975-Oct 86 (394)  
PB86-876489/CAW INSPEC
- Submicron Technology: Circuit Testing and Performance 1975-Oct 86 (129)  
PB86-877354/CAW INSPEC
- Submicron Technology: Semiconductor Epitaxy 1975-Oct 86 (77)  
PB87-850020/CAW INSPEC
- \*Testing of VLSI Circuits Jul 85-Jun 86 (285)  
PB86-869351/CAW INSPEC
- Three-Dimensional Integrated Circuits 1975-May 86 (74)  
PB86-868411/CAW INSPEC
- \*Very Large Scale Integration: Computer Aided Layout and Design Feb 85-May 86 (350)  
PB86-866795/CAW INSPEC
- Wafer Scale Integration 1975-Oct 86 (98)  
PB86-877115/CAW INSPEC
- Wire Bonding in Integrated Circuits 1975-Nov 86 (162)  
PB87-851713/CAW INSPEC

## Circulators

- Microwave Circulators 1973-Jul 85 (305)  
PB85-865111/CAW INSPEC

## Civil defense

- \*Chemical and Biological Warfare: General Studies 1979-Apr 86 (177) Covers warfare planning, civil defense, aerial dissemination, containers, and delivery systems  
PB86-862596/CAW NTIS
- Civil Defense 1976-Nov 85 (343)  
PB86-851342/CAW EDB

## Clean rooms

- Clean Room Technology 1970-May 86 (112)  
PB86-868601/CAW Ei

## Cleaning

- Abrasive Cleaning of Metal Surfaces 1966-1986 (360)  
PB87-852406/CAW METADEX
- Cleaning of Semiconductor Devices Prior to Encapsulation 1974-Jan 86 (58)  
PB86-859899/CAW INSPEC
- Degreasing Metals 1970-Mar 85 (117)  
PB85-856854/CAW PTO
- Printed Circuit Cleaning 1975-Nov 85 (152)  
PB85-872059/CAW INSPEC
- Ultrasonic Cleaning: Methods and Applications 1966-Oct 85 (259)  
PB85-871267/CAW METADEX

## Climatic changes

- Carbon Dioxide and Climate 1970-May 86 (179)  
PB86-866563/CAW NTIS

## Closed circuit television

- Cable Television 1970-Jun 85 (110)  
PB85-861797/CAW PTO

## Closed loop systems

- \*Control Theory 1985-1986 (240)  
PB87-852059/CAW NTIS



## Clothing

- Athletic Footwear 1970-Feb 86 (198)  
PB86-860616/CAW PTO
- Protective Clothing: Arctic and Tropical Environments 1970-Jun 86 (154)  
PB86-871423/CAW NTIS
- Protective Clothing: Fire and Radiation Environments 1970-Nov 86 (230)  
PB87-850970/CAW NTIS
- \*Protective Clothing: Industrial Environments 1985-Jan 86 (56)  
PB86-858107/CAW NTIS
- Zip Fasteners: Zippers 1978-Sep 86 (273)  
PB86-875473/CAW WTA

## Coal

- Coal Transportation 1970-Jan 86 (179)  
PB86-856283/CAW NTIS
- Coal Water Slurries 1970-Mar 85 (96)  
PB85-856912/CAW PTO
- \*Materials Handling by Slurry Pipelines Aug 80-Mar 86 (301)  
PB86-861424/CAW Ei
- Materials Handling by Slurry Pipelines 1970-Sep 85 (187)  
PB85-868040/CAW NTIS
- \*Seismic Surveys for Coal Nov 83-1985 (150)  
PB86-854155/CAW EDB

## Coal combustion

- Fluidized Bed Combustion 1964-Aug 84 (161)  
PB85-800027/CAW API
- \*Fluidized Bed Combustion 1984-Jan 86 (251)  
PB86-855327/CAW NTIS

## Coal gasification

- Coal Conversion Economics: Comparative Evaluations Oct 82-Apr 85 (80)  
PB85-858074/CAW EDB
- Coal Conversion Processes: Flash Hydrolysis Process 1976-1985 (215)  
PB86-856457/CAW EDB
- \*Protective Coatings for Materials in Coal Gasification Plants Jun 82-May 86 (219)  
PB86-864550/CAW EDB
- Protective Coatings for Materials in Coal Gasification Plants 1970-May 86 (346)  
PB86-866670/CAW NTIS

## Coal liquefaction

- Coal Conversion Economics: Comparative Evaluations Oct 82-Apr 85 (80)  
PB85-858074/CAW EDB
- Coal Conversion Processes: Flash Hydrolysis Process 1976-1985 (215)  
PB86-856457/CAW EDB
- Coal Conversion: Sasol Processes 1976-May 85 (217)  
PB85-861144/CAW EDB
- Supercritical Gas Extraction of Liquids from Coal 1976-Feb 85 (283)  
PB85-855674/CAW EDB

## Coal mines

- Coal Mine Wastes 1970-May 85 (164) Includes studies on the control, disposal, and types of wastes.  
PB85-859676/CAW NTIS
- Coal Mine Wastes 1977-Sep 85 (169)  
PB85-868347/CAW SWRA
- Dewatering: Coals and Mines 1970-Jun 85 (84)  
PB85-863041/CAW Ei
- Gas Detection in Underground Coal Mines 1977-Apr 85 (115)  
PB85-857951/CAW EDB
- Leachate Treatment 1972-Nov 85 (73)  
PB85-871754/CAW POLLUTION

- Mine Safety: Fires and Explosions 1970-Sep 86 (353)  
PB86-874252/CAW NTIS
- \*Mine Safety: Occupational Health--General Studies Sep 80-Feb 85 (247)  
PB85-855575/CAW NTIS

## Coal preparation

- \*Coal Beneficiation Dec 80-Sep 85 (337)  
Excludes citations pertaining specifically to desulfurization processes  
PB85-868958/CAW Ei
- \*Coal Beneficiation Mar 82-Apr 85 (140)  
PB85-857860/CAW NTIS
- Coal Desulfurization 1970-Jul 85 (141)  
PB85-865350/CAW Ei
- \*Coal Fines: Preparation Sep 85-Aug 86 (177)  
PB86-872561/CAW EDB
- Desulfurization of Coal and Petroleum Oct 81-1984 (64) Excludes flue gas and other post-combustion sulfur control  
PB85-852945/CAW NTIS
- Dewatering: Coals and Mines 1970-Jun 85 (84)  
PB85-863041/CAW Ei
- Flotation Separation of Coal: Reagents 1976-Oct 85 (299)  
PB85-870657/CAW EDB
- Magnetic Separation in the Coal Industry 1976-Jul 85 (327)  
PB85-864833/CAW EDB
- Magnetic Separation in the Coal Industry 1970-Jan 86 (127)  
PB86-856028/CAW NTIS

## Coal tar

- Coal Tar Hazards 1976-Feb 86 (207)  
PB86-859691/CAW EDB
- Coal Tar Technology 1970-Feb 85 (223)  
PB85-854974/CAW NTIS

## Coal water slurries

- Atomizers and Atomization of Coal Slurries Jun 76-Nov 85 (187) Excludes design of atomizers  
PB86-852449/CAW EDB
- Coal Water Slurries 1976-Mar 86 (348)  
PB86-859576/CAW EDB

## Coastal zone management

- Aerial Photography: Applications in the Study of Coastal Erosion and Pollution 1974-May 86 (350)  
PB86-867397/CAW OCEANIC

## Coatings

- 1980-Aug 86 (169)  
PB86-874880/CAW WSC
- Abrasion Resistant Coatings for High Temperature Applications 1966-Oct 86 (343)  
PB86-876141/CAW METADEX
- Abrasion-Resistant Coatings 1980-Mar 86 (336)  
PB86-861796/CAW WSC
- Acrylic Coatings: Anticorrosive and Antifouling 1980-Mar 86 (148)  
PB86-861598/CAW WSC
- \*Anodizing Aluminum Aug 85-Jul 86 (49)  
PB86-872025/CAW Ei
- Anodizing Aluminum 1974-Jun 86 (137)  
PB86-870128/CAW IAA
- Anodizing Aluminum Jun 70-1985 (188)  
PB86-853678/CAW NTIS
- Antifouling Coatings and Paints 1970-Jun 86 (89) Use for protection of marine vessels and structures is emphasized  
PB86-870250/CAW PTO
- Antifouling Coatings for Marine Environments 1976-Jul 86 (169)  
PB86-870789/CAW EDB
- Antifouling Coatings: Marine Applications 1970-1985 (171)  
PB86-855491/CAW Ei
- Antifouling Coatings: Marine Applications 1974-1986 (235)  
PB87-852026/CAW OCEANIC
- \*Antifouling Coatings: Marine Applications Apr 85-May 86 (95)  
PB86-867553/CAW WSC
- \*Antireflection Coatings for Solar Energy Devices Nov 85-Oct 86 (63)  
PB86-876562/CAW EDB
- Antireflective Optical Coatings 1970-Jul 86 (61)  
PB86-872405/CAW PTO
- Antistatic and Dust Repellant Coatings 1980-Nov 86 (145)  
PB87-850640/CAW WSC
- Automobile Coatings: Acrylic and Alkyd Topcoats 1980-Mar 86 (181)  
PB86-861630/CAW WSC
- Automobile Coatings: Clearcoats and Metallic Finishes 1980-Mar 86 (185)  
PB86-861085/CAW WSC
- Automobile Coatings: Painting of Plastics 1980-Mar 86 (78)  
PB86-861671/CAW WSC
- Automobile Coatings: Polyurethanes 1980-Mar 86 (63)  
PB86-861655/CAW WSC
- Automobile Coatings: Refinishing 1980-Mar 86 (144)  
PB86-861069/CAW WSC
- \*Camouflage Oct 84-Apr 86 (51)  
PB86-864279/CAW NTIS
- \*Cathode Sputtering of Thin Films Feb 83-Nov 85 (70)  
PB86-852118/CAW METADEX
- Cathodic Electrocoating 1980-Apr 85 (267)  
PB85-858462/CAW WSC
- Ceramic Coatings 1970-Jul 86 (92)  
PB86-871837/CAW PTO
- Ceramic Coatings 1980-Nov 86 (150)  
PB87-851606/CAW WSC
- \*Ceramic Coatings for Wear and Corrosion Resistance at High Temperatures Sep 84-Aug 86 (154)  
PB86-872546/CAW METADEX
- \*Chemical Vapor Deposition Aug 84-Jul 86 (140)  
PB86-871126/CAW NTIS
- \*Chromate Coatings for the Protection of Aluminum and Zinc Surfaces Mar 85-Mar 86 (57)  
PB86-861176/CAW METADEX
- Coatings for Metal Cutting and Forming Tools 1970-Oct 86 (278)  
PB86-877040/CAW Ei
- \*Coatings for Metal Cutting Tools Jul 84-Nov 86 (156)  
PB87-850558/CAW METADEX
- Corrosion and Weather Resistant Polyurethane Coatings 1980-Nov 86 (202)  
PB87-850046/CAW WSC
- Corrosion Prevention of Steels and Aluminum: Vitreous Enameling 1966-May 86 (230)  
PB86-866738/CAW METADEX
- \*Corrosion Resistant Coatings 1984-1985 (221)  
PB86-852803/CAW EDB
- \*Corrosion Resistant Coatings Jun 83-Apr 86 (154)  
PB86-865037/CAW Ei
- Corrosion Resistant Coatings 1974-Nov 86 (321)  
PB87-851036/CAW IAA
- \*Corrosion Resistant Coatings Feb 83-Feb 86 (121)  
PB86-858958/CAW NTIS
- Corrosion Resistant Coatings 1980-Feb 86 (76)  
PB86-858669/CAW WSC
- \*Corrosion Resistant Coatings: Hot Dip Galvanizing May 82-1985 (271)  
PB86-854494/CAW METADEX



- Diamond-Like Carbon Films 1975-Apr 86 (62)  
PB86-863669/CAW INSPEC
- Dielectric Coatings 1980-Oct 86 (81)  
PB86-877222/CAW WSC
- \*Diffusion Coating Process Dec 82-Jul 86 (153)  
PB86-871472/CAW METADEX
- Elastomers: Adhesives, Coatings, and Insulating Materials 1970-Aug 86 (136)  
PB86-872827/CAW PTO
- Electric Power Plants: Protective Coatings and Corrosion Inhibition 1966-May 86 (232)  
PB86-866662/CAW METADEX
- Electrically Conductive Coatings 1980-Oct 86 (127)  
PB86-876596/CAW WSC
- Electrically Insulating Coatings 1980-Apr 86 (296)  
PB86-866134/CAW WSC
- \*Electrodeposition Jun 81-Jun 86 (316) Includes electroforming  
PB86-869617/CAW NTIS
- Electrodeposition of Alloys 1972-Jan 86 (91)  
PB86-857281/CAW IAA  
Electrodeposition of Alloys 1970-Sep 85 (302)  
PB85-867794/CAW NTIS
- Electroless Plating of Polymeric Substrates 1970-Jul 86 (95)  
PB86-870987/CAW PTO  
Electroplating of Nickel 1976-Mar 85 (200)  
PB85-856870/CAW EDB  
Electroplating of Nickel 1970-Oct 85 (211)  
PB85-870624/CAW NTIS  
Electrostatic Painting 1970-1984 (59)  
PB85-852143/CAW PTO  
Epoxy Coatings (Excluding Erosion) Jun 70-Oct 85 (338)  
PB85-869766/CAW Ei
- Epoxy Coatings: Anticorrosive and Antifouling 1980-Mar 86 (246)  
PB86-861440/CAW WSC
- Epoxy Coatings: Erosion 1970-Apr 86 (147)  
PB86-867090/CAW Ei
- Epoxy Coatings: Erosion 1970-Jun 86 (204)  
PB86-871647/CAW NTIS
- \*Epoxy Coatings: Non-Aerospace Applications May 84-Jul 86 (232)  
PB86-870656/CAW RAPRA
- Fire Retarding Coatings 1980-Nov 85 (232)  
PB86-852167/CAW WSC
- Floor coatings 1980-Apr 86 (83)  
PB86-866050/CAW WSC
- Fluidized Bed Coating Processes 1980-Aug 86 (87)  
PB86-874823/CAW WSC
- \*Galvanizing Sep 83-Apr 86 (137)  
PB86-865128/CAW Ei
- Gas Turbines: Protective Coatings for Corrosion and Erosion Protection 1970-1986 (268)  
PB87-852133/CAW Ei
- Gas Turbines: Protective Coatings for Corrosion and Erosion Protection 1966-1986 (265)  
PB87-852927/CAW METADEX
- Gel Coatings as Protective and Release Coatings 1973-Jun 86 (263)  
PB86-869856/CAW RAPRA
- Hard Facing Alloys 1970-Feb 86 (329)  
PB86-859659/CAW Ei
- \*Hard Facing Alloys Jan 85-Dec 85 (47)  
PB86-854064/CAW METADEX
- Impact Resistant Coatings 1980-Jan 86 (185)  
PB86-855558/CAW WSC
- In-Mold Labelling and Decorating 1973-Apr 86 (66)  
PB86-862026/CAW RAPRA  
Inks and Coatings: Rheological Behavior 1976-Oct 85 (242)  
PB85-870871/CAW PIRA
- Insulating Coatings (Excluding Electrical Insulation 1980-Apr 86 (139)  
PB86-866688/CAW WSC
- Integrated and Printed Circuit Metallization 1970-Jul 85 (200)  
PB85-863686/CAW PTO
- Intumescent Coatings and Paints 1980-Apr 86 (129)  
PB86-865896/CAW WSC
- Laser Chemical Vapor Deposition 1978-Apr 86 (126)  
PB86-865102/CAW INSPEC
- Luminescent Coatings 1980-Feb 86 (61)  
PB86-861036/CAW WSC
- Luminescent, Pearlescent, and Fluorescent Coatings 1980-1985 (194)  
PB86-853603/CAW WSC
- Luminous Paints Jun 70-Feb 86 (64)  
PB86-861127/CAW EDB  
Luminous Paints Jun 70-Oct 84 (56)  
PB85-850352/CAW Ei
- Magnetic Coatings 1980-Jun 86 (108)  
PB86-870763/CAW WSC
- Metal Joining and Coating of Kovar 1966-Mar 86 (134)  
PB86-860426/CAW METADEX
- Metal Overlays 1979-May 86 (249) Excludes hard surfacing  
PB86-867801/CAW METADEX
- \*Metallization of Plastics Mar 83-1986 (118)  
PB87-852182/CAW Ei
- \*Metallization of Plastics 1984-Nov 86 (97) Excludes immersion plating and ion plating technology  
PB87-850764/CAW METADEX
- \*Metallization of Plastics Nov 85-Nov 86 (95)  
PB87-851812/CAW RAPRA
- Metallized Polymer Films 1973-Jan 86 (115)  
PB86-855624/CAW RAPRA
- Metallizing Thermoplastics and Thermosets 1973-1985 (347)  
PB86-853181/CAW RAPRA
- Mildew Resistant Coatings 1980-Apr 86 (245)  
PB86-865060/CAW WSC
- Moisture Curable Coatings 1980-Apr 86 (151)  
PB86-864352/CAW WSC
- \*Nondestructive Testing of Surfaces, Coatings, and Paints 1983-1985 (349)  
PB86-854460/CAW EDB
- Nondestructive Testing of Surfaces, Coatings, and Paints 1970-May 86 (160)  
PB86-868478/CAW Ei
- \*Nondestructive Testing of Surfaces, Coatings, and Paints 1983-Aug 86 (139)  
PB86-873999/CAW IAA
- Nondestructive Testing of Surfaces, Coatings, and Paints Dec 83-Nov 86 (86)  
PB87-851143/CAW NTIS
- \*Optical Coatings Jun 83-Jul 86 (183)  
PB86-870649/CAW EDB
- \*Optical Coatings 1983-Jun 86 (251)  
PB86-869146/CAW Ei  
Optical Coatings Jun 74-Aug 85 (145)  
PB85-864221/CAW IAA
- \*Optical Coatings Nov 83-Oct 86 (77)  
PB86-877164/CAW NTIS
- Optical Coatings: Processes, Materials, and Evaluations 1981-Aug 86 (93)  
PB86-874534/CAW
- Phosphate Coatings: Aluminum and Aluminum Alloys 1966-1985 (135)  
PB86-852670/CAW METADEX
- Phosphate Coatings: Aluminum and Aluminum Alloys 1980-Feb 86 (102)  
PB86-860335/CAW WSC
- \*Phosphate Coatings: Carbon Steels 1983-1985 (104)  
PB86-852688/CAW METADEX
- Photoresist Materials and Processes 1970-May 86 (361)  
PB86-868858/CAW Ei
- Photoresists: Large Scale and Very Large Scale Integrated Circuit Fabrication 1975-Aug 86 (135)  
PB86-872819/CAW INSPEC
- Physical Vapor Deposition 1975-Jan 86 (152)  
PB86-856994/CAW INSPEC
- \*Plasma and Flame Sprayed Coatings 1980-Feb 86 (349)  
PB86-858008/CAW Ei
- \*Plasma and Flame Sprayed Coatings Feb 80-Mar 86 (176)  
PB86-859188/CAW NTIS
- Plasma and Flame Sprayed Coatings 1970-May 86 (310)  
PB86-868726/CAW PTO
- Plastic Coatings 1970-Feb 86 (123)  
PB86-857547/CAW PTO
- Plastic Electrostatic Coatings 1973-May 86 (185)  
PB86-870300/CAW RAPRA
- Plastic Foam Coating: Processes, Formulations, and Applications 1975-Apr 86 (299)  
PB86-864410/CAW RAPRA
- Plastics and Elastomers as Moisture Barriers 1973-Nov 86 (225)  
PB87-850491/CAW RAPRA
- \*Plastics and Elastomers as Protective Coatings Feb 85-Jan 86 (61)  
PB86-856549/CAW RAPRA  
Plastics and Elastomers: Plating Methods 1973-Nov 85 (262)  
PB86-850187/CAW RAPRA  
Plastisols 1980-Nov 85 (114)  
PB85-871648/CAW WSC
- \*Plating on Plastics and Elastomers Nov 83-1985 (309)  
PB86-857133/CAW Ei
- Polymer Powder Coating Compositions 1970-May 86 (170)  
PB86-867983/CAW PTO
- Polymer Powder Coatings: Industrial and Building Applications 1973-Feb 86 (115)  
PB86-857588/CAW RAPRA
- Powder Coatings: Industrial and Building Applications 1980-Jan 86 (215)  
PB86-860525/CAW WSC
- Powder Coatings: Processes and Applications 1973-1985 (256)  
PB86-853728/CAW ISMEC
- Printed Circuit Board Coating and Plating 1970-Nov 86 (174)  
PB87-850749/CAW PTO
- Printed Circuits: Coatings 1980-Mar 86 (75)  
PB86-860632/CAW WSC
- Protective Coating Methods and Compositions 1970-Jun 86 (122)  
PB86-869732/CAW PTO
- Protective Coatings for Aluminum and Aluminum Alloys 1966-Sep 86 (376) Excludes electroplating applications  
PB86-875192/CAW METADEX
- Protective Coatings for Copper and Copper Base Alloys 1966-Nov 86 (170) Excludes electrodeposited coatings  
PB87-850392/CAW METADEX
- Protective Coatings for High Temperature and Erosive Environments 1966-Aug 86 (255)  
PB86-872686/CAW METADEX
- \*Protective Coatings for Materials in Coal Gasification Plants Jun 82-May 86 (219)  
PB86-864550/CAW EDB
- Protective Coatings for Materials in Coal Gasification Plants 1970-May 86 (346)  
PB86-866670/CAW NTIS
- Protective Coatings for Nickel and Nickel Alloys 1966-Oct 86 (250) Excludes electrodeposited coatings  
PB86-876588/CAW METADEX  
Protective Coatings for Pipelines 1976-Oct 85 (330)  
PB85-870608/CAW EDB



- Protective Coatings for Stainless Steels 1966-Nov 86 (307) Excludes electrodeposited coatings  
PB87-850061/CAW METADEX
- Protective Coatings: Electrophoretic Deposition 1966-Oct 86 (311)  
PB86-876125/CAW METADEX
- Protective Coatings: Fluidized Bed Processes 1966-Jan 86 (229)  
PB86-856465/CAW METADEX
- Protective Coatings: Immersion Plating 1966-May 86 (204)  
PB86-865029/CAW METADEX
- Protective Coatings: Vapor Deposition 1966-Nov 86 (222)  
PB87-851390/CAW METADEX
- Rheology of Coatings 1980-Mar 86 (234)  
PB86-862729/CAW WSC
- Rust Inhibiting Coatings 1980-Feb 86 (71)  
PB86-860566/CAW WSC
- Silicide Coated Heat Resistant Alloys 1966-Nov 85 (240)  
PB85-872596/CAW METADEX
- Solar Collectors: Corrosion Protection and Protective Coatings 1976-Oct 85 (225)  
PB85-869923/CAW EDB
- Solar Optical Materials 1978-Jul 85 (140)  
PB85-864700/CAW INSPEC
- Solvent Free Polymeric Coatings 1973-Nov 86 (210) Includes protective, adhesive, and insulative coatings and sealants  
PB87-852638/CAW RAPRA
- Solventless Coatings 1980-Jun 86 (145)  
PB86-870888/CAW WSC
- Sputter Coating of Tantalum and Tantalum Compounds 1976-Apr 86 (210)  
PB86-865193/CAW EDB
- Sputter Coating of Tantalum and Tantalum Compounds 1970-Apr 86 (171)  
PB86-865318/CAW Ei
- Sputter Coating of Tantalum and Tantalum Compounds 1966-1986 (331)  
PB87-852422/CAW METADEX
- Sputter Coating of Tantalum and Tantalum Compounds 1970-Apr 86 (86)  
PB86-865342/CAW NTIS
- Strippable Coatings (Excluding Paint) 1980-Apr 86 (101)  
PB86-865920/CAW WSC
- Superalloy Coatings 1970-Nov 85 (72)  
PB86-851912/CAW PTO
- Textured Coatings 1980-Aug 86 (91)  
PB86-874583/CAW WSC
- \*Tin Plating and Tin Plate Aug 82-Apr 86 (227)  
PB86-865987/CAW Ei
- Tribology: Coatings 1970-Apr 86 (165)  
PB86-864485/CAW Ei
- Ultraviolet Sensitive Photoresists 1975-Sep 86 (209)  
PB86-875390/CAW INSPEC
- Ultraviolet Sensitive Photoresists 1970-Jun 86 (76)  
PB86-870342/CAW PTO
- Undercoating 1980-Apr 86 (175)  
PB86-865052/CAW WSC
- Underground Corrosion of Steels: Cathodic Protection and Protective Coatings 1966-Jul 86 (170)  
PB86-870896/CAW METADEX
- Urethane Coatings Jun 70-Nov 86 (320)  
PB87-851200/CAW Ei
- Vacuum Metallizing: Protective and Decorative Coatings 1966-1985 (232)  
PB86-855921/CAW METADEX
- Water Based Coatings: Alkyd (Excluding Automobile Coatings) 1980-Oct 86 (138)  
PB86-876208/CAW WSC
- Water Permeability of Coatings 1980-Feb 86 (105)  
PB86-859758/CAW WSC

- Water Permeability of Polymers 1973-Sep 86 (141)  
PB86-875127/CAW RAPRA
- Water-Based Anticorrosion Coatings 1980-Mar 86 (271)  
PB86-861093/CAW WSC
- Water-Based Polyester Coatings 1980-Aug 86 (139)  
PB86-874872/CAW WSC
- Zinc and Zinc Alloys as Protective Coatings 1966-Apr 86 (206)  
PB86-867306/CAW METADEX

## Cobalt

- Toxicity of Cobalt 1970-1985 (154)  
PB86-854189/CAW NTIS

## Cobalt alloys

- Aging of Cobalt Containing Alloys 1975-Apr 86 (225)  
PB86-862448/CAW INSPEC
- \*Amorphous Alloys: Cobalt Base Feb 83-Feb 85 (184)  
PB85-855641/CAW METADEX
- \*Superalloys Feb 84-Apr 86 (296)  
PB86-863602/CAW Ei
- Superalloys: Performance and Applications 1973-Nov 86 (218)  
PB87-850053/CAW ISMEC

## Cobol

- COBOL Programming Language 1975-May 85 (156)  
PB85-860369/CAW INSPEC
- COBOL Standards and Validation 1972-May 85 (264)  
PB85-861045/CAW NTIS

## Cocoa

- Cocoa and Chocolate Products: Methods for Analysis 1972-Jul 86 (339)  
PB86-870631/CAW FSTA

## Coding

- Bar Code Reading Devices 1970-Nov 86 (198)  
PB87-850756/CAW PTO
- \*Digital Communication Systems: Coding and Decoding Sep 84-Aug 86 (106)  
PB86-872579/CAW Ei
- \*Error Correction Codes Jul 85-Jun 86 (59)  
PB86-870151/CAW Ei
- Error Correction Codes 1972-Apr 85 (303)  
PB85-858454/CAW IAA
- Error Correction Codes 1970-Feb 86 (248)  
PB86-859139/CAW NTIS
- Error Correction Codes: Coding Techniques 1975-Jun 86 (239)  
PB86-868650/CAW INSPEC
- Error Correction Codes: Communication Systems 1975-Jun 86 (223)  
PB86-869294/CAW INSPEC
- Error Detection Codes Jun 70-1985 (221)  
PB86-856473/CAW Ei
- \*Error Detection Codes Oct 84-Sep 85 (65)  
PB85-868677/CAW IAA
- Error Detection Codes 1975-May 86 (323)  
PB86-867777/CAW INSPEC
- Error Detection Codes 1970-Feb 86 (279)  
PB86-859303/CAW NTIS
- \*Information and Communication Theory Jun 81-Jan 86 (338)  
PB86-856002/CAW NTIS
- Microcomputers: Coding Applications for Television Transmission 1970-Aug 85 (104)  
PB85-867760/CAW Ei
- \*Universal Product Codes Jun 85-May 86 (109)  
PB86-865003/CAW INSPEC
- \*Universal Product Codes Nov 84-Oct 86 (276)  
PB86-876638/CAW PIRA

- Universal Product Codes 1982-Feb 86 (72)  
PB86-860574/CAW PSTA

## Coffee

- Beverage Flavors: Coffee and Tea 1972-Aug 86 (198)  
PB86-873585/CAW FSTA
- Coffee: Instant and Decaffeinated 1972-Oct 85 (297)  
PB85-869584/CAW FSTA
- Coffee: Organoleptic Properties 1972-Jun 85 (209)  
PB85-861979/CAW FSTA
- Infusion Methods, Apparatus, and Bags For Coffee and Tea 1972-Apr 86 (80)  
PB86-867264/CAW FSTA

## Cogeneration

- \*Cogeneration: Economic and Technical Analysis Oct 83-Sep 86 (371)  
PB86-874385/CAW Ei
- \*Cogeneration: Economic and Technical Analysis Mar 85-Jan 86 (120)  
PB86-857687/CAW INSPEC
- \*Cogeneration: Economic and Technical Analysis Aug 83-Jul 86 (297)  
PB86-871449/CAW NTIS
- \*Cogeneration: Economic Analysis 1983-Oct 86 (344)  
PB86-876570/CAW EDB

## Cold stress

- Cold Weather Stress on Humans 1970-Nov 86 (196)  
PB87-850830/CAW NTIS
- \*Hypothermia Jun 80-Jul 85 (61)  
PB85-865244/CAW NTIS

## Cold weather construction

- Cold Weather Construction 1970-May 86 (230)  
PB86-870227/CAW NTIS

## Cold working

- Annealing and Lubricants for the Cold Rolling of Steels 1973-Jun 85 (323)  
PB85-863223/CAW ISMEC
- Cold Working of Metals Using Deep Drawing Techniques 1973-1985 (156)  
PB86-856432/CAW ISMEC
- Isostatic Pressing Jun 70-Oct 86 (209)  
PB86-876851/CAW Ei
- Isostatic Pressing Jun 74-Jul 86 (244)  
PB86-870821/CAW IAA

## Collision avoidance

- Airborne Collision Avoidance Systems 1972-Aug 86 (94) Excludes systems which involve only ground equipment and controller communication to the pilot.  
PB86-874963/CAW IAA

## Collision research

- \*Automobile Impact Tests Sep 80-Nov 86 (133)  
PB87-851002/CAW NTIS
- Motorcycle Safety, Environmental Effects, and Performance Studies 1970-Feb 86 (228)  
PB86-857448/CAW NTIS

## Color photography

- Silver Halide Photographic Material 1970-Nov 85 (172)  
PB86-851011/CAW PTO

## Color vision

- Color Vision 1970-Nov 85 (280)  
PB86-851300/CAW NTIS



## Colorimetric analysis

- Color Measurement in the Textile Industry 1977-Nov 85 (216)  
PB86-852183/CAW WTA

## Coloring agents

- Food Colorant Analytical Techniques 1972-Jul 85 (315)  
PB85-864411/CAW FSTA

## Combustion

- \*Combustion of Plastics and Elastomers Nov 80-Nov 85 (235)  
PB86-852035/CAW NTIS
- Dust Explosions: Combustible Particles and Control 1970-Nov 85 (208)  
PB86-851284/CAW Ei
- Fluidized Bed Combustion 1964-Aug 84 (161)  
PB85-800027/CAW API
- \*Fluidized Bed Combustion 1984-Jan 86 (251)  
PB86-855327/CAW NTIS
- Oil Burners: Crude Oil, Atomization, and Combustion Efficiency 1970-Apr 85 (294)  
PB85-860427/CAW Ei
- Oil Burners: Crude Oil, Atomization, and Combustion Efficiency 1970-Mar 85 (176)  
PB85-857068/CAW NTIS
- Polymeric Materials Combustion: Toxicity Hazards and Legal Aspects 1976-Oct 86 (177)  
PB86-875952/CAW RAPRA

## Comfort

- Comfort and Human Factors in Office and Residential Settings 1970-Jul 86 (124)  
PB86-873577/CAW NTIS
- Comfort Factors in Protective Clothing 1978-Apr 86 (132)  
PB86-866753/CAW WTA

## Commerce

- Space Commercialization 1972-Jul 86 (170)  
PB86-871951/CAW IAA

## Comminution

- Ball Milling Techniques 1970-Oct 85 (207)  
PB85-869113/CAW Ei
- \*Comminution of Metallic Ores and Metal Powders Jun 85-May 86 (75)  
PB86-866407/CAW METADEX

## Communication

- Spread Spectrum Communication 1975-Jul 85 (335)  
PB85-863918/CAW INSPEC
- Spread Spectrum Communications Aug 84-Jul 86 (172)  
PB86-870524/CAW INSPEC

## Communication equipment

- Amateur Radio Construction, Operation, and Equipment 1974-1985 (343) Excludes antennas  
PB86-854767/CAW INSPEC
- Amateur Radio: Antennas 1975-1986 (112)  
PB87-852158/CAW INSPEC
- AM Stereo Broadcasting and Receivers 1976-Apr 86 (64)  
PB86-864295/CAW INSPEC
- AM Stereo Broadcasting and Receivers 1970-Apr 86 (82)  
PB86-864287/CAW PTO
- Color Television Receivers: Servicing, Maintenance, and Reliability 1975-Jan 85 (366)  
PB85-854529/CAW INSPEC
- Frequency Modulation Receivers and Tuners 1975-Mar 86 (350)  
PB86-861309/CAW INSPEC
- Microcomputer Modems 1975-Feb 86 (220)  
PB86-864444/CAW INSPEC
- \*Modems Nov 80-1985 (193)  
PB86-853751/CAW Ei

- \*Modems Feb 82-Mar 86 (76)  
PB86-863099/CAW NTIS
- Modems 1970-Feb 86 (132)  
PB86-857984/CAW PTO
- Modems: Frequency Shift Keying Systems 1975-Sep 85 (87)  
PB85-867208/CAW INSPEC
- Modems: Phase Shift Keying Systems 1975-Aug 86 (138)  
PB86-872660/CAW INSPEC
- Paging Equipment 1970-Feb 86 (105)  
PB86-860319/CAW PTO
- Satellite Receivers Jun 74-May 86 (255)  
PB86-864345/CAW IAA
- \*Satellite Receivers Sep 83-Oct 85 (163)  
PB85-868982/CAW INSPEC
- Satellite Receivers Jun 70-Oct 85 (120)  
PB85-872018/CAW NTIS
- Satellite Transponders 1975-1986 (357)  
PB87-852257/CAW INSPEC
- Short-Wave Radio Receivers 1975-Feb 85 (137)  
PB85-855286/CAW INSPEC
- Smart Modems 1983-Jul 86 (125)  
PB86-872207/CAW COM
- Telecommunication Equipment: Atmospheric Discharge Protection 1975-May 86 (187)  
PB86-865367/CAW INSPEC
- Transaction Processing Systems and Teleprocessing Monitors 1976-Sep 86 (120)  
PB86-874724/CAW INSPEC

## Communication networks

- \*Computer Network Protocols Jan 86-Dec 86 (48)  
PB87-852042/CAW NTIS
- \*Computer Networks May 85-Apr 86 (167)  
PB86-862349/CAW NTIS
- Crossbar Switching: Telecommunication Networks and Equipment 1975-Sep 86 (166)  
PB86-874732/CAW INSPEC
- Data Communication Networks 1970-1985 (111)  
PB86-853512/CAW PTO
- Ethernet Communication Networks 1978-1986 (155)  
PB87-853156/CAW INSPEC
- Factory Networking: Marketing Aspects 1983-Jul 86 (66)  
PB86-871399/CAW COM
- Fiber Optic Local Area Networks 1975-Jul 86 (145)  
PB86-871902/CAW INSPEC
- Fiber Optic Local Area Networks: Market Aspects 1983-Jul 86 (58)  
PB86-872298/CAW COM
- Integrated Communication Networks 1975-Apr 86 (113) Excludes integrated service digital networks and voice/data communication systems  
PB86-866779/CAW INSPEC
- Integrated Service Digital Network 1970-1986 (197)  
PB87-853198/CAW Ei
- Integrated Services Digital Networks: Market Aspects 1983-Jun 86 (77)  
PB86-871217/CAW COM
- Intelligent Buildings: Shared Multitenant Telecommunications Services Dec 83-Jul 86 (105)  
PB86-871308/CAW COM
- IBM PC Multiuser and Networking Systems 1983-Jan 86 (103)  
PB86-856853/CAW INSPEC
- IBM Systems Network Architecture 1975-1986 (212)  
PB87-853149/CAW INSPEC
- \*Local Area Networks Jan 86-Dec 86 (146)  
PB87-853180/CAW Ei

- Local Area Networks in Schools 1975-Sep 86 (260) Excludes general applications of microcomputers in schools  
PB86-875291/CAW INSPEC
- Local Computer Networks: Office Automation and Communication 1981-Mar 86 (152)  
PB86-862372/CAW INSPEC
- Open Systems Interconnections 1975-Jan 86 (244)  
PB86-856812/CAW INSPEC
- Optical Data Bus Networks 1975-Jul 86 (155)  
PB86-870516/CAW INSPEC
- Packet Switched Military Data Network: ARPA Network 1975-Mar 86 (162)  
PB86-859097/CAW INSPEC
- Packet Switched Public Data Network: Euronet 1976-Mar 85 (145)  
PB85-856383/CAW INSPEC
- Packet Switched Public Data Networks: European 1976-Jun 85 (163)  
PB85-862480/CAW INSPEC
- Packet Switched Public Data Networks: North American 1975-Apr 86 (178) Excludes ARPA network  
PB86-862851/CAW INSPEC
- Packet Switched Public Networks: Japanese DDX 1975-Mar 85 (127)  
PB85-856391/CAW INSPEC
- Packet Switching Protocol X.25 1977-Mar 86 (346)  
PB86-859113/CAW INSPEC
- Protocol Conversion 1975-Nov 85 (91)  
PB85-872034/CAW INSPEC
- Synchronous Data Link Control 1975-Feb 86 (77)  
PB86-857943/CAW INSPEC
- Token Ring Networks 1975-1985 (98)  
PB86-853561/CAW INSPEC
- Token-Ring Computer Network Protocol Mar 82-1985 (213)  
PB86-854379/CAW INSPEC
- Value Added Networks 1975-Jan 86 (71)  
PB86-855012/CAW INSPEC
- Wide Area Networks 1977-Apr 85 (67)  
PB85-860039/CAW INSPEC

## Communication satellites

- \*Communication Satellites Jun 85-May 86 (70)  
PB86-867215/CAW IAA
- \*Communication Satellites Aug 83-Nov 86 (184)  
PB87-850228/CAW NTIS
- High Definition Television: Transmission and Equipment Development 1977-Oct 86 (296)  
PB86-876406/CAW INSPEC
- Satellite Receivers Jun 74-May 86 (255)  
PB86-864345/CAW IAA
- \*Satellite Receivers Sep 83-Oct 85 (163)  
PB85-868982/CAW INSPEC
- Satellite Receivers Jun 70-Oct 85 (120)  
PB85-872018/CAW NTIS

## Communication systems

- Adaptive Differential Pulse Code Modulation-ADPCM Dec 75-Jan 86 (219)  
PB86-854965/CAW INSPEC
- Crossbar Switching: Telecommunication Networks and Equipment 1975-Sep 86 (166)  
PB86-874732/CAW INSPEC
- Data and Voice Packets in Communication Systems 1970-Jul 86 (119)  
PB86-872272/CAW PTO
- \*Digital Communication Systems: Coding and Decoding Sep 84-Aug 86 (106)  
PB86-872579/CAW Ei
- \*Digital Communication Systems: Interference Jul 83-Jun 86 (141)  
PB86-869179/CAW Ei



- \*Digital Communication Systems: Multiplexing and Switching Jul 83-Jul 86 (275)  
PB86-870565/CAW Ei
- Error Correction Codes: Communication Systems 1975-Jun 86 (223)  
PB86-869294/CAW INSPEC
- Facsimile Communication Jun 70-Jul 86 (208)  
PB86-872165/CAW NTIS
- Facsimile Transmission 1976-May 86 (287)  
PB86-867892/CAW PIRA  
Frequency Shift Keying 1970-Jul 85 (184)  
PB85-862381/CAW PTO
- Frequency Shift Keying: Communications Systems 1971-Mar 86 (86)  
PB86-861341/CAW Ei
- Infrared Communications Jun 70-Jan 86 (270)  
PB86-857620/CAW Ei
- \*Infrared Communications Mar 82-Mar 86 (200)  
PB86-863388/CAW INSPEC
- Integrated Voice/Data Communication 1975-Apr 86 (104)  
PB86-864709/CAW INSPEC
- Land Mobile Communications 1970-Nov 86 (245)  
PB87-850723/CAW NTIS
- \*Light Communication Systems Dec 85-Nov 86 (65)  
PB87-851549/CAW NTIS  
Radio Communication Systems 1970-Oct 85 (203)  
PB85-870160/CAW PTO
- Satellite Digital Communication Systems 1970-Jun 86 (230)  
PB86-869161/CAW Ei
- Telephone Communications: Technological Forecasting 1979-Oct 86 (252)  
PB86-876927/CAW INSPEC
- Underwater Voice Communication Systems 1970-Nov 86 (159)  
PB87-851747/CAW NTIS
- 5ESS Switching System 1975-1986 (71)  
Integrated digital networks (ISDNs) are covered in another bibliography  
PB87-853370/CAW INSPEC

## Communication theory

- Hilbert Transformations for Communications and Information Theory Jun 72-Oct 85 (125)  
PB85-872083/CAW IAA
- Hilbert Transformations for Communications and Information Theory 1976-Feb 86 (148)  
PB86-860012/CAW INSPEC
- \*Information and Communication Theory Jun 81-Jan 86 (338)  
PB86-856002/CAW NTIS

## Communications

- \*Microcomputers: Telecommunication Applications Nov 81-Aug 85 (376)  
PB85-866267/CAW Ei
- \*Spread Spectrum Communications Aug 81-Sep 86 (220)  
PB86-875564/CAW Ei
- Spread Spectrum Communications 1970-Aug 86 (238)  
PB86-872876/CAW NTIS
- \*Spread Spectrum Transmission Jul 85-Jun 86 (94)  
PB86-869286/CAW IAA
- \*Telecommunication: Economic Studies 1979-Sep 85 (218)  
PB85-867778/CAW NTIS

## Communications management

- Organizational Communications Jul 75-May 86 (368)  
PB86-866183/CAW NTIS

## Commuting

- \*Travel Time Studies for Surface Transportation Jul 81-Jan 85 (55) Includes both automobile and mass transit travel but excludes freight transportation  
PB85-854149/CAW NTIS

## Compacting

- Explosive Compacting of Metal Powders 1966-Jul 86 (210)  
PB86-870532/CAW METADEX  
Vibratory Compaction of Power Metal and Refractory Materials 1966-Oct 85 (220)  
PB85-871200/CAW METADEX

## Compasses

- Gyrocompasses 1972-May 85 (224)  
PB85-861524/CAW IAA
- Gyrocompasses 1970-May 86 (112)  
PB86-868296/CAW NTIS

## Compilers

- \*Computer Software Standards 1983-Aug 86 (389) Covers Compiler Validation Summary Reports and General Studies  
PB86-872934/CAW NTIS
- Silicon Compilers 1975-Aug 86 (116)  
PB86-873015/CAW INSPEC  
Software Interpreters 1975-1984 (151)  
PB85-853976/CAW INSPEC  
Software Interpreters 1970-Nov 84 (184)  
PB85-850550/CAW NTIS

## Composite materials

- Adhesive Bonding of Composite Materials 1970-1986 (223)  
PB87-852547/CAW Ei
- Adhesive Bonding of Composite Materials 1966-1986 (241)  
PB87-852943/CAW METADEX
- \*Boron Reinforced Composites May 80-Mar 86 (143)  
PB86-861705/CAW NTIS
- \*Carbon and Graphite: Carbon and Graphite Fibers and Fiber Composites Jun 83-Apr 86 (387)  
PB86-868197/CAW NTIS
- Carbon Fiber Reinforced Plastics (Nongraphite): Aerospace Applications 1973-May 86 (249)  
PB86-868759/CAW RAPRA
- Carbon Fiber Reinforced Plastics (Nongraphite): Non-Aerospace Applications 1973-May 86 (183)  
PB86-868445/CAW RAPRA
- Carbon Fiber Reinforced Plastics (Nongraphite): Properties and Tests 1973-May 86 (252) Excludes applications  
PB86-868742/CAW RAPRA
- Ceramic Fibers as Reinforcing Material 1970-Jun 86 (99) Excludes glass fibers  
PB86-871324/CAW NTIS
- Ceramic Reinforced Plastics 1973-Oct 86 (67)  
PB86-876497/CAW RAPRA
- \*Composite Tribological Materials May 83-1986 (135)  
PB87-852224/CAW BHRA FLUID
- Composite Tubing Fabrication and Utilization 1970-Apr 86 (95)  
PB86-863628/CAW PTO
- Elastomers with Fillers, Modifiers, and Reinforcers 1976-Apr 86 (244)  
PB86-864436/CAW RAPRA
- \*Engineering Plastics: Properties, Processing, and Applications Jan 85-Dec 85 (197)  
PB86-852951/CAW RAPRA
- Fabric Reinforced Composites 1975-Jun 86 (296)  
PB86-870623/CAW WTA
- Fiber Reinforced Aluminum Composites 1970-Nov 86 (226)  
PB87-851424/CAW Ei
- \*Fiber Reinforced Composite Laminates Feb 83-Aug 86 (249)  
PB86-873536/CAW IAA
- Fiber Reinforced Composite Laminates 1970-Nov 86 (352)  
PB87-850509/CAW NTIS
- \*Fiber Reinforced Composite Laminates May 84-Mar 86 (248)  
PB86-862430/CAW RAPRA
- Fiber Reinforced Composites 1970-Jan 86 (204)  
PB86-856762/CAW PTO
- Fiber Reinforced Composites (Excluding Epoxies and Polyesters) 1970-Oct 86 (236)  
PB86-876984/CAW Ei
- Fiber Reinforced Composites: Physical Properties 1970-Nov 86 (198) Excludes fiber reinforced plastics, fiber reinforced laminates, and glass fiber reinforcements  
PB87-851309/CAW NTIS
- Fiber Reinforced Composites: Technology and Evaluation 1970-Nov 86 (321) Excludes fiber reinforced plastics, fiber reinforced laminates, and glass fiber reinforcements  
PB87-851119/CAW NTIS
- \*Fiber Reinforced Epoxy Composites Dec 85-Nov 86 (88)  
PB87-851291/CAW Ei
- Fiber Reinforced Metal Composites (Excluding Aluminum) 1970-Nov 86 (219)  
PB87-851259/CAW Ei  
Fiber Reinforced Polyester Composites 1972-Oct 84 (106)  
PB85-851038/CAW Ei
- Fiberglass Reinforced Plastics 1977-Nov 85 (263)  
PB86-851805/CAW NTIS
- Filament Wound Composites 1973-Mar 86 (149)  
PB86-860186/CAW RAPRA
- \*Fillers for Plastics Feb 85-Jan 86 (48)  
PB86-857190/CAW Ei
- Glass Fiber Reinforced Plastics: Agricultural Applications 1973-Oct 86 (120) Excludes roofing materials and buildings applications; includes greenhouse structural supports  
PB87-850327/CAW RAPRA
- Glass Fiber Reinforced Plastics: Building Applications 1973-Nov 86 (350) Excludes roofing materials and agricultural applications  
PB87-850921/CAW RAPRA
- Glass Fiber Reinforced Plastics: Fracture Mechanics 1975-Jul 86 (293)  
PB86-871282/CAW INSPEC
- Graphite Fiber Reinforced Epoxy 1973-Oct 86 (373)  
PB86-877305/CAW RAPRA
- High Strength Polymer Composites 1970-May 86 (158)  
PB86-869526/CAW PTO
- Hybrid Composites 1970-May 86 (123)  
PB86-867223/CAW Ei
- \*Metal Matrix Composites 1978-1986 (291)  
PB87-853347/CAW NTIS
- Metal Matrix Composites: Fatigue and Fracture Testing 1972-Aug 86 (132)  
PB86-874708/CAW IAA
- Metal Matrix Composites: Fatigue and Fracture Testing 1968-Sep 86 (70)  
PB86-874484/CAW METADEX
- Microsphere Fillers 1973-Aug 86 (99)  
PB86-873049/CAW RAPRA
- \*Mineral Fillers in Plastics and Elastomers Jun 83-May 86 (272)  
PB86-868577/CAW RAPRA
- Nondestructive Testing of Composite Materials 1972-Aug 86 (230)  
PB86-872710/CAW IAA
- Nondestructive Testing of Composite Materials 1970-Feb 86 (238)  
PB86-858289/CAW NTIS



- Photopolymerization 1970-Nov 86 (278)  
PB87-850368/CAW Ei
- Plastics and Elastomers: Space Applications 1977-1985 (234)  
PB86-855046/CAW RAPRA
- Plastics: Space Applications 1972-Aug 86 (196)  
PB86-873452/CAW IAA
- Polyether-Etherketon Materials 1973-Apr 86 (120)  
PB86-863982/CAW RAPRA
- Polyvinylidene Fluoride: Reinforcers and Processing 1977-Apr 86 (174)  
PB86-863768/CAW RAPRA
- Printed Circuit Board Laminates 1975-Jan 86 (70)  
PB86-856614/CAW INSPEC  
Reinforced Natural Rubber and Elastomer Products 1978-Nov 85 (239)  
PB86-872323/CAW RAPRA
- Reinforced Plastics: Electrical Applications 1973-Feb 86 (274)  
PB86-859964/CAW RAPRA
- Sheet Molding Compounds 1970-Apr 86 (97)  
PB86-866373/CAW PTO
- Sheet Molding Compounds: Automotive Applications 1973-Jul 86 (212)  
PB86-873163/CAW RAPRA
- Toxicity of Fibers and Fiber Composites 1970-Jul 86 (327)  
PB86-870664/CAW NTIS

## Composts

- Sewage Sludge Treatment by Composting 1970-Aug 86 (98)  
PB86-874468/CAW POLLUTION

## Compressors

- Axial Flow Compressors 1970-Jun 86 (215)  
PB86-869815/CAW Ei
- Centrifugal Compressors 1973-Oct 86 (227)  
PB86-876968/CAW ISMEC

## Computation

Computer Computation: Mathematics Excluding Statistics and Probability Theory Feb 83-Jul 85 (339)  
PB85-865400/CAW NTIS

## Computational fluid dynamics

- \*Numerical Methods in Fluid Flow Problems Dec 84-Nov 86 (379)  
PB87-851671/CAW NTIS

## Computational linguistics

- Computational Linguistics 1970-Apr 86 (345)  
PB86-864097/CAW NTIS
- Natural Language Processing and Understanding 1974-Jul 86 (279)  
PB86-870813/CAW INSPEC
- Natural Language Question Answering 1975-1986 (55)  
PB87-852315/CAW INSPEC

## Computer aided design

- Computer Aided Design and Manufacture Using Microcomputers 1970-Jan 86 (138)  
PB86-862554/CAW Ei
- Computer Aided Design and Manufacturing Using Microcomputers 1975-Jan 86 (348)  
PB86-862232/CAW INSPEC
- Computer Aided Design and Manufacturing: Aerospace May 84-Apr 86 (139)  
PB86-862927/CAW NTIS
- Computer Aided Design and Manufacturing: Civil Engineering and Construction 1970-Jun 86 (386)  
PB86-870805/CAW NTIS
- Computer Aided Design and Manufacturing: Mechanical Engineering and Machining May 84-Apr 86 (163)  
PB86-862885/CAW NTIS

- Computer Aided Design and Manufacturing: Naval Architecture 1970-May 86 (202)  
PB86-868031/CAW NTIS
- Computer Aided Design and Manufacturing: Optical Equipment 1970-Jul 86 (95) Excludes electron beam optics  
PB86-872637/CAW NTIS
- \*Computer Aided Design of Microcircuits Dec 85-Nov 86 (272)  
PB87-850897/CAW Ei
- \*Computer Aided Design of Microcircuits 1985-Feb 86 (54)  
PB86-860038/CAW NTIS
- Computer Aided Design: Buildings and Building Systems 1970-Aug 86 (106)  
PB86-873908/CAW NTIS  
Computer Aided Textile Manufacturing 1975-Sep 85 (151)  
PB85-867893/CAW WTA
- Geometric Models 1975-Jun 86 (250)  
PB86-868718/CAW INSPEC
- Integrated Circuits: Design Automation 1975-Nov 86 (183)  
PB87-850442/CAW INSPEC
- Integrated CAD/CAM Using Artificial Intelligence 1975-Jun 86 (111)  
PB86-870425/CAW INSPEC
- Knowledge Engineering in Computer Aided Design 1975-Aug 86 (128)  
PB86-873783/CAW INSPEC  
Manufacturing Computer Control in Gate Array Technology 1981-Feb 85 (92)  
PB85-855427/CAW INSPEC
- \*Printed Circuits: Computer Aided Layout and Design Feb 85-Jan 86 (81)  
PB86-855343/CAW INSPEC
- \*Printed Circuits: Manufacturing Jul 85-Jun 86 (128) Specific tests of printed circuits are covered in another published search  
PB86-870037/CAW Ei
- Splines in Surface Representation 1975-Oct 86 (92)  
PB86-876299/CAW INSPEC
- \*Very Large Scale Integration: Computer Aided Layout and Design Feb 85-May 86 (350)  
PB86-866795/CAW INSPEC

## Computer aided instruction

- Computer Aided Instruction Jun 70-Oct 86 (345)  
PB86-877263/CAW Ei
- \*Computer Aided Instruction Mar 85-Feb 86 (210)  
PB86-857901/CAW NTIS
- Microcomputers in the School and Classroom 1975-1985 (276)  
PB86-854809/CAW INSPEC
- Microcomputers: Apple Computers in Education 1979-Apr 86 (150)  
PB86-865151/CAW INSPEC

## Computer aided manufacturing

- Adaptive Control Systems: Manufacturing Industries 1975-Jun 85 (380)  
PB86-871092/CAW INSPEC
- Automated Integrated Circuit Assembly 1975-Sep 86 (72)  
PB86-873965/CAW INSPEC
- Computer Aided Design and Manufacture Using Microcomputers 1970-Jan 86 (138)  
PB86-862554/CAW Ei
- Computer Aided Design and Manufacturing Using Microcomputers 1975-Jan 86 (348)  
PB86-862232/CAW INSPEC
- Computer Aided Design and Manufacturing: Aerospace May 84-Apr 86 (139)  
PB86-862927/CAW NTIS
- Computer Aided Design and Manufacturing: Mechanical Engineering and Machining May 84-Apr 86 (163)  
PB86-862885/CAW NTIS

- Computer Aided Design and Manufacturing: Naval Architecture 1970-May 86 (202)  
PB86-868031/CAW NTIS
- Computer Aided Design and Manufacturing: Optical Equipment 1970-Jul 86 (95) Excludes electron beam optics  
PB86-872637/CAW NTIS
- Computer Aided Plastic and Rubber Manufacturing 1973-Jun 86 (293)  
PB86-869807/CAW RAPRA
- Computer Aided Textile Manufacturing 1975-Sep 85 (151)  
PB85-867893/CAW WTA
- Computer Controlled Forging Jun 70-Jun 85 (86)  
PB85-863702/CAW Ei
- Computer Vision for Automatic Assembly and Inspection 1970-Apr 86 (224)  
PB86-863073/CAW Ei
- \*Computer Vision for Automatic Assembly and Inspection Jan 86-Dec 86 (248)  
PB87-852869/CAW INSPEC
- \*Flexible Manufacturing Systems Mar 85-Jan 86 (326)  
PB86-857711/CAW INSPEC
- Integrated CAD/CAM Using Artificial Intelligence 1975-Jun 86 (111)  
PB86-870425/CAW INSPEC
- Machine Tool Technology 1975-Feb 86 (180)  
PB86-859774/CAW INSPEC
- Machine Tool Technology 1974-Mar 86 (277)  
PB86-862414/CAW ISMEC
- Manufacturing Automation Protocol - MAP 1975-Feb 86 (58)  
PB86-863164/CAW INSPEC  
Manufacturing Computer Control in Gate Array Technology 1981-Feb 85 (92)  
PB85-855427/CAW INSPEC
- Networking in Factory Automation 1975-1986 (228)  
PB87-853016/CAW INSPEC
- \*Printed Circuits: Manufacturing Jul 85-Jun 86 (128) Specific tests of printed circuits are covered in another published search  
PB86-870037/CAW Ei

## Computer aided mapping

- \*Computer Aided Mapping Feb 84-Jan 86 (166)  
PB86-855590/CAW Ei
- \*Computer Aided Mapping May 82-1986 (375)  
PB87-851994/CAW NTIS

## Computer applications

- \*Aerospace Computer Systems: Avionics Applications Aug 81-Sep 85 (337)  
PB85-868826/CAW NTIS
- \*Aerospace Computer Systems: Space and Guided Missile Applications Dec 84-Nov 86 (226)  
PB87-851556/CAW NTIS  
Aircraft: Computer Applications 1973-May 85 (169)  
PB85-860252/CAW ISMEC
- \*Aircraft: Computerized Simulation Dec 82-Apr 85 (129)  
PB85-859551/CAW Ei
- \*Aircraft: Computerized Simulation Nov 82-Jul 86 (133) Excludes flight simulators for crew training  
PB86-871852/CAW NTIS
- \*Automated Machining Jul 85-Jun 86 (282) Excludes automatic assembly of already manufactured parts and components  
PB86-870417/CAW Ei
- Automated Machining 1970-Nov 86 (346)  
PB87-851697/CAW NTIS
- Automated Teller Machines - Banking 1975-Jan 86 (201)  
PB86-863396/CAW INSPEC



- Automatic Calibration of Electronic Equipment 1975-May 86 (208)  
PB86-867108/CAW INSPEC  
AIR Pollution Control and Abatement: Computer Analysis 1970-Oct 85 (126)  
PB85-871572/CAW Ei
- Business Software 1975-Jan 86 (136)  
PB86-855210/CAW INSPEC  
Chemical Industry and Technology: Adaptive Control Systems 1975-Jun 85 (125)  
PB85-863660/CAW INSPEC
- Computer Aided Design and Manufacture Using Microcomputers 1970-Jan 86 (138)  
PB86-862554/CAW Ei
- \*Computer Aided Mapping Feb 84-Jan 86 (166)  
PB86-855590/CAW Ei
- \*Computer Aided Mapping May 82-1986 (375)  
PB87-851994/CAW NTIS
- Computer Aided Medical Diagnosis 1970-Apr 86 (306)  
PB86-866720/CAW Ei  
Computer Aided Textile Manufacturing 1975-Sep 85 (151)  
PB85-867893/CAW WTA
- Computer Assisted Retrieval 1975-Jan 86 (85)  
PB86-863875/CAW INSPEC  
Computer Business Graphics 1975-Apr 85 (87)  
PB85-857969/CAW INSPEC  
Computer Computation: Mathematics Excluding Statistics and Probability Theory Feb 83-Jul 85 (339)  
PB85-865400/CAW NTIS
- Computer Computation: Statistics and Probability Theory Feb 83-Aug 86 (75)  
PB86-872884/CAW NTIS  
Computer Controlled Typesetting 1975-May 85 (225)  
PB85-861516/CAW INSPEC
- \*Computer Technology in Medicine Jul 79-Apr 86 (328) Excludes use of computers in health surveys, medical records management, and tomography  
PB86-863545/CAW NTIS
- Computer Use and Office Automation: Computer Phobia 1983-Jul 86 (128)  
PB86-872215/CAW COM  
Computerized Chromatographic Analysis 1970-Mar 85 (137)  
PB85-856326/CAW Ei  
Computerized Management and Simulation of Groundwater Resources 1977-Jun 85 (330)  
PB85-862613/CAW SWRA  
Computerized Printing Operations 1976-May 85 (219)  
PB85-860500/CAW PIRA
- Computerized Tomography: Technology and Equipment 1977-Jul 86 (327)  
PB86-870862/CAW INSPEC  
Computers for the Physically Handicapped 1978-May 85 (81)  
PB85-860161/CAW INSPEC
- Computers for the Visually Handicapped: Aids for Personal Development and Research 1975-Feb 86 (171)  
PB86-858602/CAW INSPEC
- Computers in Farm Management 1975-1985 (53)  
PB86-853850/CAW INSPEC  
Computers in Patient Care and Non-Tomographic Medical Diagnosis 1976-Nov 84 (124)  
PB85-851756/CAW EDB
- Configuration Management: Computers, Software, and Control Systems 1975-Jan 86 (58)  
PB86-858529/CAW INSPEC
- Configuration Management: Networks and Parallel Processing 1978-Apr 86 (51)  
PB86-858552/CAW IAA
- Configuration Management: Software 1973-Jan 86 (52)  
PB86-858537/CAW IAA
- Customer Information Control Service 1975-Jan 86 (59)  
PB86-856655/CAW INSPEC
- Document Retrieval Automation 1975-Nov 85 (295)  
PB86-851904/CAW INSPEC
- Electronic Circuit Simulation Computer Program: SPICE 1976-Jan 86 (200)  
PB86-858487/CAW INSPEC
- Electronic Mail: Office Automation 1975-Feb 86 (163)  
PB86-859352/CAW INSPEC
- Electronic Publishing: Market Aspects 1983-Jul 86 (93)  
PB86-871829/CAW COM  
Electronic Spreadsheets 1980-Apr 85 (194)  
PB85-857340/CAW INSPEC
- Embedded Computer Systems 1975-May 86 (101)  
PB86-868460/CAW INSPEC
- \*Expert Computer Systems Feb 85-Jan 86 (400)  
PB86-855244/CAW INSPEC
- Expert Systems Applications 1970-Feb 86 (125)  
PB86-857539/CAW Ei
- Fast Fourier Transform Processors 1975-Sep 86 (71)  
PB86-874807/CAW INSPEC  
Financial Management: Computer Applications 1970-Jun 85 (115)  
PB85-863124/CAW NTIS  
Finite Element Analysis: Computerized, Two-Dimensional 1972-Oct 85 (362)  
PB85-869873/CAW IAA
- Flight Equations of Motion: Computer Analysis 1970-1985 (329)  
PB86-855160/CAW NTIS
- Hewlett Packard Computerized Instrumentation Feb 77-Jan 86 (183)  
PB86-856051/CAW INSPEC
- High Voltage Direct Current Network Modeling and Simulation 1975-Mar 86 (139)  
PB86-862869/CAW INSPEC
- Integrated Library Systems 1975-Jan 86 (65)  
PB86-858685/CAW INSPEC
- Intelligent Buildings: Shared Multitenant Telecommunications Services Dec 83-Jul 86 (105)  
PB86-871308/CAW COM
- Interfacing Techniques and Devices in Microprocessor-Controlled Systems 1975-Mar 86 (76)  
PB86-861135/CAW INSPEC  
Internal Combustion Engines: Computer Applications 1970-Jun 85 (185)  
PB85-863033/CAW Ei
- IBM Computers in the Office: Market Aspects 1983-Aug 86 (62)  
PB86-873023/CAW COM
- Knowledge Engineering in Computer Aided Design 1975-Aug 86 (128)  
PB86-873783/CAW INSPEC
- Materials Planning and Inventory Control: Computer Utilization 1982-1986 (141)  
PB87-852513/CAW ISMEC
- \*Medical Information Systems Nov 84-Oct 85 (55)  
PB85-869279/CAW Ei
- Microcomputer Applications for Libraries 1975-Feb 86 (198)  
PB86-853389/CAW INSPEC  
Microcomputer Controlled Systems 1970-Apr 85 (89)  
PB85-857878/CAW PTO  
Microcomputer Utilization with Database Systems 1977-May 85 (194)  
PB85-858983/CAW INSPEC  
Microcomputers: Coding Applications for Television Transmission 1970-Aug 85 (104)  
PB85-867760/CAW Ei
- \*Microcomputers: Telecommunication Applications Nov 81-Aug 85 (376)  
PB85-866267/CAW Ei  
Microprocessor Control Equipment 1970-Jun 85 (57)  
PB85-862738/CAW PTO
- Microprocessors Used in Motor Vehicles 1974-1985 (83)  
PB86-854619/CAW Ei
- Microprocessors Used in Motor Vehicles 1975-Sep 86 (211)  
PB86-874187/CAW INSPEC  
Microprocessors: Aircraft and Avionics 1975-Jun 85 (142)  
PB85-863462/CAW NTIS
- \*Microprocessors: Industrial Process Control Applications Aug 84-1986 (182)  
PB87-852273/CAW Ei  
Neurological and Psychological Testing: Computer Applications 1975-Mar 85 (121)  
PB85-856938/CAW INSPEC
- \*Programmable Controllers Nov 84-Oct 86 (313)  
PB86-876513/CAW INSPEC
- Programmable Controllers: Design and Applications 1973-Nov 85 (258)  
PB86-851318/CAW ISMEC
- Queueing Models and Modeling 1975-Apr 86 (326)  
PB86-862935/CAW INSPEC
- \*Robot Manipulators: Program Control Oct 84-1986 (199)  
PB87-851986/CAW INSPEC
- Robot Programming Languages 1975-Feb 86 (145)  
PB86-858768/CAW INSPEC
- Searching Algorithms for Computerized Problem Solving 1975-Oct 86 (235)  
PB86-876802/CAW INSPEC  
Shipboard Computers: Non-Military Applications 1974-Oct 85 (214)  
PB85-869196/CAW OCEANIC
- \*Speech Recognition by Computer Oct 81-Jul 86 (82)  
PB86-871704/CAW NTIS
- Speech Recognition Algorithms 1970-Aug 86 (66)  
PB86-873312/CAW Ei
- Speech Synthesis and Speech recognition by Computer Apr 83-1984 (306)  
PB86-852779/CAW INSPEC
- \*Speech Synthesis and Speech Recognition by Computer 1985-1986 (312)  
PB87-852778/CAW INSPEC
- \*Structural Mechanics Software Nov 82-Aug 86 (397) Excludes Nastran  
PB86-872850/CAW NTIS  
Structural Mechanics Software: Nastran 1974-Jul 85 (183)  
PB85-864247/CAW IAA
- Structural Mechanics Software: Nastran 1970-Jan 86 (334)  
PB86-855996/CAW NTIS
- Telecommuting 1983-Jun 86 (147)  
PB86-871787/CAW COM
- Teleshopping 1983-Jun 86 (264)  
PB86-871779/CAW COM
- Text Editing 1970-May 86 (193)  
PB86-866175/CAW NTIS
- Vibrational Analysis of Structures: Computer Applications 1983-Apr 86 (126)  
PB86-864972/CAW IAA
- Voice Mail 1975-May 86 (119)  
PB86-868932/CAW INSPEC  
Word Processors: Wordstar 1975-Oct 85 (115)  
PB85-871796/CAW INSPEC



## Computer deadlock

- Deadlock Problems in Computer Systems 1974-Jun 85 (320)  
PB85-862472/CAW INSPEC

## Computer games

- Microcomputers: Apple Computer Games 1980-Jul 85 (146)  
PB85-864825/CAW INSPEC

## Computer graphics

- Computer Aided Engineering: Geometric Modeling 1975-Aug 86 (207)  
PB86-872611/CAW INSPEC
- Computer Color Graphics 1975-Feb 86 (264)  
PB86-857968/CAW INSPEC
- Computer Graphics: Hidden Line/Surface Elimination Techniques 1975-Oct 86 (153)  
PB86-875531/CAW INSPEC
- Geometric Models 1975-Jun 86 (250)  
PB86-868718/CAW INSPEC
- Graphics Kernel System 1970-Feb 86 (50)  
PB86-858446/CAW Ei
- Graphics Kernel System 1975-Feb 86 (149)  
PB86-857919/CAW INSPEC
- \*Interactive Computer Graphics Aug 84-Jul 86 (245)  
PB86-870672/CAW Ei
- Interactive Computer Graphics 1972-Oct 86 (280) Includes technology and applications  
PB86-876430/CAW IAA
- Interactive Computer Graphics 1975-Oct 85 (209)  
PB85-869394/CAW INSPEC
- \*Interactive Computer Graphics Jul 81-Aug 86 (350)  
PB86-873924/CAW NTIS
- Microcomputers: Apple Graphics 1978-May 86 (325) Excludes computer games  
PB86-867579/CAW INSPEC
- Plotters: Computer Graphics 1975-May 86 (190)  
PB86-867793/CAW INSPEC
- Plotters: Computer Graphics 1970-Oct 85 (177)  
PB85-871002/CAW NTIS
- Splines in Surface Representation 1975-Oct 86 (92)  
PB86-876299/CAW INSPEC
- Three Dimensional Graphics 1983-Apr 86 (313) Excludes animations for motion pictures, and video game graphics  
PB86-864899/CAW COM

## Computer networks

- Computer Communication Software 1975-Oct 86 (247)  
PB86-877248/CAW INSPEC
- \*Computer Network Protocols Feb 84-Jan 86 (349)  
PB86-855756/CAW INSPEC
- \*Computer Network Protocols Jan 86-Dec 86 (48)  
PB87-852042/CAW NTIS
- Computer Network Standards 1975-Feb 86 (179)  
PB86-859741/CAW INSPEC
- \*Computer Networks May 85-Apr 86 (167)  
PB86-862349/CAW NTIS
- Computer Networks: Data Communication Architecture and Development 1975-Mar 86 (286)  
PB86-862703/CAW INSPEC
- Configuration Management: Networks and Parallel Processing 1978-Apr 86 (51)  
PB86-858552/CAW IAA
- Data Communication Networks 1970-1985 (111)  
PB86-853512/CAW PTO
- Document Interchange Architecture - Document Content Architecture Jun 83-Jun 86 (109)  
PB86-871670/CAW COM

- DECNET: Digital Equipment Corporation Network Architecture 1976-Oct 86 (58)  
PB86-877123/CAW INSPEC
- Ethernet Communication Networks 1978-1986 (155)  
PB87-853156/CAW INSPEC
- Factory Networking: Marketing Aspects 1983-Jul 86 (66)  
PB86-871399/CAW COM
- Fiber Optic Local Area Networks 1975-Jul 86 (145)  
PB86-871902/CAW INSPEC
- Fiber Optic Local Area Networks: Market Aspects 1983-Jul 86 (58)  
PB86-872298/CAW COM
- HDLC: High Level Data Link Control 1975-Oct 85 (149)  
PB85-872174/CAW INSPEC
- Integrated Communication Networks 1975-Apr 86 (113) Excludes integrated service digital networks and voice/data communication systems  
PB86-866779/CAW INSPEC
- Integrated Service Digital Network 1970-1986 (197)  
PB87-853198/CAW Ei
- Integrated Service Digital Networks: Switching and Transmission 1975-Jan 86 (188)  
PB86-855020/CAW INSPEC
- Integrated Services Digital Networks: Market Aspects 1983-Jun 86 (77)  
PB86-871217/CAW COM
- IBM System Network Architecture: Market Aspects 1983-Jun 86 (135)  
PB86-871134/CAW COM
- IBM Systems Network Architecture 1975-1986 (212)  
PB87-853149/CAW INSPEC
- \*Local Area Networks Jan 86-Dec 86 (146)  
PB87-853180/CAW Ei
- Local Area Networks in Schools 1975-Sep 86 (260) Excludes general applications of microcomputers in schools  
PB86-875291/CAW INSPEC
- Local Computer Networks: Office Automation and Communication 1981-Mar 86 (152)  
PB86-862372/CAW INSPEC
- Open Systems Interconnections 1975-Jan 86 (244)  
PB86-856812/CAW INSPEC
- Packet Switched Military Data Network: ARPA Network 1975-Mar 86 (162)  
PB86-859097/CAW INSPEC
- Packet Switched Public Data Network: Euronet 1976-Mar 85 (145)  
PB85-856383/CAW INSPEC
- Packet Switched Public Data Networks: European 1976-Jun 85 (163)  
PB85-862480/CAW INSPEC
- Packet Switched Public Data Networks: North American 1975-Apr 86 (178) Excludes ARPA network  
PB86-862851/CAW INSPEC
- Packet Switched Public Networks: Japanese DDX 1975-Mar 85 (127)  
PB85-856391/CAW INSPEC
- Packet Switching Protocol X.25 1977-Mar 86 (346)  
PB86-859113/CAW INSPEC
- Protocol Conversion 1975-Nov 85 (91)  
PB85-872034/CAW INSPEC
- Semantic Networks 1975-Aug 86 (174)  
PB86-874112/CAW INSPEC
- Synchronous Data Link Control 1975-Feb 86 (77)  
PB86-857943/CAW INSPEC
- SDLC: Synchronous Data Link Control 1975-Oct 85 (104)  
PB85-871333/CAW INSPEC
- Token Ring Networks 1975-1985 (98)  
PB86-853561/CAW INSPEC

- Token Ring Networks: Market Assessment 1983-Jun 86 (78)  
PB86-871340/CAW COM
- Token-Ring Computer Network Protocol Mar 82-1985 (213)  
PB86-854379/CAW INSPEC
- Transputers and the OCCAM Programming Language 1975-May 86 (100)  
PB86-869369/CAW INSPEC
- Value Added Networks 1975-Jan 86 (71)  
PB86-855012/CAW INSPEC
- Wide Area Networks 1977-Apr 85 (67)  
PB85-860039/CAW INSPEC

## Computer performance evaluation

- Computer Performance Evaluation 1975-Oct 86 (315)  
PB86-876786/CAW INSPEC
- \*Computer Performance Evaluation Jul 83-Apr 86 (143)  
PB86-865573/CAW NTIS

## Computer privacy

- Computer Crime 1975-Oct 86 (311) Excludes software piracy  
PB86-876240/CAW INSPEC
- \*Computer Information Security and Protection May 85-Apr 86 (94)  
PB86-862968/CAW Ei
- \*Computer Information Security and Protection Nov 84-Oct 86 (368)  
PB86-876026/CAW INSPEC
- \*Computer Information Security and Protection Jun 85-Apr 86 (52)  
PB86-865334/CAW NTIS
- Cryptography and Cryptographic Hardware 1970-Apr 86 (84)  
PB86-864402/CAW PTO
- \*Cryptography and Cryptosystems Jan 86-Dec 86 (192)  
PB87-852745/CAW INSPEC
- Cryptography and Cryptosystems 1970-Oct 86 (208)  
PB86-876059/CAW NTIS
- Data Encryption Standard 1975-Jan 86 (119)  
PB86-855814/CAW INSPEC
- Freedom of Information and Privacy 1974-Jun 86 (197)  
PB86-869229/CAW MC
- Microcomputers: Data and Software Security 1983-Aug 86 (150)  
PB86-874641/CAW COM
- Microcomputers: Data and Software Security 1974-Feb 86 (145)  
PB86-858172/CAW INSPEC
- Software Piracy: Legal Issues 1983-Aug 86 (152)  
PB86-873056/CAW COM
- \*Software Security and Piracy Feb 84-Mar 86 (302)  
PB86-859006/CAW INSPEC

## Computer program reliability

- \*Computer Software Reliability Jan 86-Dec 86 (275)  
PB87-852844/CAW INSPEC

## Computer program transferability

- \*Computer Software Transferability and Portability 1983-Oct 85 (336)  
PB85-869972/CAW INSPEC
- Computer Software Transferability and Portability 1970-Aug 86 (168)  
PB86-872868/CAW NTIS

## Computer programming

- Application Generators 1975-Mar 86 (104)  
PB86-861283/CAW INSPEC



- Automatic Program Testing 1975-Aug 86 (51)  
PB86-873767/CAW INSPEC
- \*Automatic Programming Jul 85-Jun 86 (140)  
PB86-868643/CAW INSPEC
- Automatic Programming 1970-Sep 86 (116)  
PB86-875218/CAW NTIS
- \*ADA Programming Language 1985-1986 (415)  
PB87-852877/CAW INSPEC
- Computer Programmer Productivity 1975-Oct 86 (134) Generally excludes software engineering productivity and software tools  
PB86-875994/CAW INSPEC
- Computer Programming Languages for Industrial Numerical Control 1975-Apr 86 (343)  
PB86-864113/CAW INSPEC
- \*Computer Programming Languages for Numerical Control 1985-Jan 86 (111)  
PB86-857372/CAW Ei
- Computer Software Prototyping 1983-Jul 86 (89)  
PB86-871365/CAW COM
- \*Computer Software Standards 1983-Aug 86 (389) Covers Compiler Validation Summary Reports and General Studies  
PB86-872934/CAW NTIS
- Error Detection Codes Jun 70-1985 (221)  
PB86-856473/CAW Ei
- Error Detection Codes 1975-May 86 (323)  
PB86-867777/CAW INSPEC
- Fourth Generation Programming Languages 1975-1986 (202)  
PB87-852331/CAW INSPEC
- Fourth Generation Programming Languages: Market Aspects 1983-Jun 86 (57)  
PB86-870474/CAW COM
- Functional Languages and Function Programming 1975-1985 (227)  
PB86-853900/CAW INSPEC
- Instruction Set Architecture 1975-Feb 86 (169)  
PB86-858412/CAW INSPEC
- Job Control Languages 1975-Feb 86 (129)  
PB86-858818/CAW INSPEC
- \*Knowledge Representation and Knowledge Programming for Artificial Intelligence Jan 86-Dec 86 (172)  
PB87-853115/CAW INSPEC
- Logic Programming 1975-Jul 86 (181)  
PB86-872413/CAW INSPEC
- Microsoft Basic Computer Programming 1979-Jan 86 (174)  
PB86-859535/CAW INSPEC
- Object Oriented Programming 1975-Jul 86 (89)  
PB86-871563/CAW INSPEC
- Programmer Productivity: Management Aspects 1983-Jun 86 (87)  
PB86-871373/CAW COM
- Programming Language Design 1970-Apr 86 (240)  
PB86-866985/CAW NTIS
- \*Reduced Instruction Set Computers 1975-Sep 86 (137)  
PB86-875713/CAW INSPEC
- Reduced Instruction Set Computers - RISC 1981-Jan 86 (67)  
PB86-858198/CAW INSPEC
- Sorting Algorithms for Computers 1975-Oct 85 (132)  
PB85-870913/CAW INSPEC
- Structured Programming 1970-1986 (311)  
PB87-852430/CAW NTIS

## Computer software

- Application Generators 1975-Mar 86 (104)  
PB86-861283/CAW INSPEC
- Automatic Program Testing 1975-Aug 86 (51)  
PB86-873767/CAW INSPEC
- Bibliographic Software 1983-Jul 86 (57)  
PB86-872181/CAW COM
- Business Software 1975-Jan 86 (136)  
PB86-855210/CAW INSPEC

- Computer Communication Software 1975-Oct 86 (247)  
PB86-877248/CAW INSPEC
- Computer Software Maintenance 1983-Jul 86 (197)  
PB86-872330/CAW COM
- Computer Software Maintenance 1978-Apr 86 (167)  
PB86-865177/CAW INSPEC
- Computer Software Maintenance 1970-Aug 86 (241)  
PB86-872652/CAW NTIS
- Computer Software Prototyping 1983-Jul 86 (89)  
PB86-871365/CAW COM
- \*Computer Software Reliability Jan 86-Dec 86 (275)  
PB87-852844/CAW INSPEC
- \*Computer Software Standards 1983-Aug 86 (389) Covers Compiler Validation Summary Reports and General Studies  
PB86-872934/CAW NTIS
- \*Computer Software Transferability and Portability 1983-Oct 85 (336)  
PB85-869972/CAW INSPEC
- Computer Software Transferability and Portability 1970-Aug 86 (168)  
PB86-872868/CAW NTIS
- Control Program for Microprocessors (CP/M) Operating Systems Dec 82-1984 (356)  
PB86-857851/CAW INSPEC
- Control Program for Microprocessors (CP/M) operating Systems 1985-Jan 86 (165)  
PB86-857869/CAW INSPEC
- Firmware: Design Techniques and Applications 1975-Feb 85 (291)  
PB85-855377/CAW INSPEC
- Integrated Software 1975-1985 (196) Emphasis is on business applications  
PB86-853611/CAW INSPEC
- IBM CICS 1975-Oct 85 (65)  
PB85-869931/CAW INSPEC
- IBM VM Operating Systems 1975-Feb 86 (114)  
PB86-857505/CAW INSPEC
- Prototyping in Systems Analysis and Software Development 1975-Apr 86 (117)  
PB86-864824/CAW INSPEC
- Robot Manipulators 1972-Mar 86 (352)  
PB86-863594/CAW IAA
- Software Copyright Protection 1983-Aug 86 (86) Legal issues concerning software piracy are covered in another bibliography  
PB86-874625/CAW COM
- \*Software Engineering Economics 1975-Mar 86 (103)  
PB86-858941/CAW INSPEC
- Software Interpreters 1975-1984 (151)  
PB85-853976/CAW INSPEC
- Software Interpreters 1970-Nov 84 (184)  
PB85-850550/CAW NTIS
- Software Piracy: Legal Issues 1983-Aug 86 (152)  
PB86-873056/CAW COM
- Software Quality and Metrics 1975-1986 (369)  
PB87-853123/CAW INSPEC
- \*Software Security and Piracy Feb 84-Mar 86 (302)  
PB86-859006/CAW INSPEC
- Sorting Algorithms for Computers 1975-Oct 85 (132)  
PB85-870913/CAW INSPEC
- Top Down Software 1975-Apr 86 (213)  
PB86-865201/CAW INSPEC
- \*Unix Operating System Jan 86-Dec 86 (374)  
PB87-852968/CAW INSPEC
- \*UNIX Operating System Jan 85-Dec 85 (281)  
PB87-852950/CAW INSPEC
- Windowing: Applications and Software Packages 1975-Oct 86 (310)  
PB86-875986/CAW INSPEC

- Xenix Microcomputer Operating System 1975-Oct 86 (113)  
PB86-876679/CAW INSPEC

## Computer storage

- Associative Memories 1970-Aug 86 (109)  
PB86-874070/CAW PTO
- Associative Memories or Associative Processing 1975-Jan 86 (230)  
PB86-855988/CAW INSPEC
- Bernoulli Disks 1983-Apr 86 (57)  
PB86-866886/CAW COM
- Cache Memories 1975-Jan 86 (133)  
PB86-855731/CAW INSPEC
- Cache Memories 1970-Mar 86 (126)  
PB86-860202/CAW PTO
- Compact Optical Disc Technology - CD ROM Apr 79-1986 (350)  
PB87-852885/CAW INSPEC
- Computer Storage Access Time 1975-Oct 85 (345)  
PB85-871317/CAW INSPEC
- Computer Tape Cartridges 1975-Apr 86 (80)  
PB86-866936/CAW INSPEC
- Computers: Shared Memory 1975-Feb 86 (162)  
PB86-864006/CAW INSPEC
- Direct Access Storage Devices 1975-Jan 86 (112)  
PB86-857125/CAW INSPEC
- Dynamic Random Access Memories 1972-Aug 85 (194)  
PB85-866689/CAW Ei
- Dynamic Random Access Memories 1970-1985 (120)  
PB86-854783/CAW PTO
- Electrically Erasable Programmable Read Only Memories 1975-Feb 86 (305)  
PB86-863297/CAW INSPEC
- Erasable Optical Disks 1975-Jan 86 (53)  
PB86-856408/CAW INSPEC
- Erasable Optical Disks: Industry News and Applications Sep 83-Apr 86 (62)  
PB86-865771/CAW COM
- Erasable Programmable Read Only Memories 1970-May 86 (64)  
PB86-868429/CAW PTO
- \*Logic Testing of Integrated Logic and Integrated Memory Circuits Jul 84-May 86 (146)  
PB86-868783/CAW INSPEC
- \*Magnetic Bubble Memories Apr 83-1985 (203)  
PB86-853694/CAW INSPEC
- Magnetic Bubble Memories 1970-Mar 86 (148)  
PB86-859360/CAW PTO
- Memory Expansion Techniques and Equipment 1975-Feb 86 (105)  
PB86-857935/CAW INSPEC
- Nonvolatile Semiconductor Memories 1970-Mar 86 (133)  
PB86-860111/CAW PTO
- Nonvolatile Semiconductor Memory Circuits, Devices, and Systems 1970-Feb 86 (153)  
PB86-858024/CAW Ei
- Nonvolatile Semiconductor Memory Devices and Systems 1975-Jan 86 (340)  
PB86-855301/CAW INSPEC
- Optical Disc Systems for Information Storage and Retrieval 1975-Nov 86 (145)  
PB87-850517/CAW INSPEC
- Optical Memories 1970-1986 (224)  
PB87-852364/CAW NTIS
- Optical Memories 1970-Mar 86 (93)  
PB86-859956/CAW PTO
- Optical Memory Data Storage Jun 70-May 86 (219) Laser applications appear in a separate bibliography  
PB86-864527/CAW Ei
- Optical Memory Data Storage 1975-Feb 86 (162)  
PB86-858248/CAW INSPEC



- Optical Memory Data Storage: Laser Applications 1973-Sep 86 (216)  
PB86-875705/CAW Ei
- Semiconductor Memory Devices 1970-Jul 85 (196)  
PB85-864346/CAW PTO
- Semiconductor Random Access Memories: Integrated Circuit Design and Fabrication 1975-Feb 85 (156)  
PB85-855294/CAW INSPEC
- Semiconductor Random Access Memories: Integrated Circuit Testing and Reliability 1975-Feb 86 (235)  
PB86-858230/CAW INSPEC
- Static Random Access Memories 1974-Nov 84 (109)  
PB85-850634/CAW Ei
- Write-Once Optical Data Storage 1983-Apr 86 (66)  
PB86-865045/CAW COM

## Computer systems hardware

- Computer Systems Protection: Surge Suppressors 1983-Aug 86 (87)  
PB86-875051/CAW COM
- Embedded Computer Systems 1975-May 86 (101)  
PB86-868460/CAW INSPEC
- Impact Printers 1970-Nov 85 (162)  
PB85-872463/CAW PTO
- Intelligent Terminals 1983-Jul 86 (166)  
PB86-872348/CAW COM
- Intelligent Terminals 1975-Jul 86 (101)  
PB86-872389/CAW INSPEC
- Interactive Display Devices Jun 70-Sep 86 (317)  
PB86-875804/CAW NTIS
- IEEE-488 Data Bus 1975-Apr 86 (355)  
PB86-865540/CAW INSPEC
- Magnetic Disk Drives 1970-Sep 86 (238)  
PB86-875598/CAW PTO
- Nonimpact Printers 1976-Jan 86 (114)  
PB86-855574/CAW PIRA
- Third Party Maintenance of Computer Hardware: Market Aspects 1983-Jun 86 (141)  
PB86-869476/CAW COM
- Touch Screens 1983-Jun 86 (158)  
PB86-871944/CAW COM
- Touch Screens 1975-Jul 86 (137)  
PB86-872371/CAW INSPEC
- Video Display Terminals: Operator Protection and Ergonomics 1983-Apr 86 (150)  
PB86-864840/CAW COM
- Video Display Terminals: Operator Protection and Ergonomics 1982-1986 (92)  
PB87-852752/CAW INSPEC

## Computer vision

- Computer Vision for Automatic Assembly and Inspection 1970-Apr 86 (224)  
PB86-863073/CAW Ei
- \*Computer Vision for Automatic Assembly and Inspection Jan 86-Dec 86 (248)  
PB87-852869/CAW INSPEC

## Computerized axial tomography

- Computerized Tomography: Technology and Equipment 1977-Jul 86 (327)  
PB86-870862/CAW INSPEC

## Computers

- Amdahl Computers 1975-Jan 86 (67)  
PB86-856952/CAW INSPEC
- American Telephone and Telegraph Computers in the Office: Market Aspects 1983-Jul 86 (83)  
PB86-872223/CAW COM
- Apple Lisa Computer 1983-Oct 85 (73)  
PB85-871804/CAW INSPEC
- Apricot Personal Computers 1984-Jan 85 (51)  
PB86-859501/CAW INSPEC

- Bit Slice Computers 1975 Oct 85 (169)  
PB85-870129/CAW INSPEC
- Computer Architecture Apr 78-Mar 86 (284)  
PB86-862646/CAW IAA
- \*Computer Architecture Aug 83-Feb 86 (272)  
PB86-858081/CAW NTIS
- Computer Architecture: Very Large Scale Integration 1975-Nov 86 (354)  
PB87-850772/CAW INSPEC
- Computer Architectures 1970-Jan 86 (74)  
PB86-855145/CAW PTO
- Computer Decentralization 1975-May 85 (170)  
PB85-858827/CAW INSPEC
- Computer Disasters: Prevention and Recovery 1975-Sep 86 (146)  
PB86-875226/CAW INSPEC
- Computers: Front End Processors 1975-Jan 86 (128)  
PB86-862604/CAW INSPEC
- Computers: Massively Parallel Processors 1975-May 86 (51)  
PB86-866480/CAW INSPEC
- Computers: Preventive Maintenance 1983-Jul 86 (116)  
PB86-872991/CAW COM
- Cyber Computers by Control Data Corporation Nov 75-Jan 86 (154)  
PB86-856598/CAW INSPEC
- Digital Equipment Corporation's Micro VAX Computers Dec 83-Nov 86 (309)  
PB87-851853/CAW COM
- Digital Equipment Corporation's Micro VAX Computers: Market Aspects 1984-Nov 86 (52)  
PB87-851614/CAW INSPEC
- Epson HX-20 Lap Computers 1983-Jan 86 (78)  
PB86-856580/CAW INSPEC
- Fast Fourier Transform Processors 1975-Sep 86 (71)  
PB86-874807/CAW INSPEC
- Fault Tolerant Computers and Multiprocessing 1975-May 86 (146)  
PB86-868676/CAW INSPEC
- Fifth Generation Computers 1983-1986 (169)  
PB87-853313/CAW COM
- Fifth Generation Computers 1977-Sep 86 (247)  
PB86-875259/CAW INSPEC
- \*Handbooks on Computers May 83-Feb 85 (98)  
PB85-855534/CAW NTIS
- Hewlett Packard Personal and Portable Computers 1979-Jan 86 (59)  
PB86-857042/CAW INSPEC
- Hewlett-Packard Minicomputers 1975-Apr 86 (226)  
PB86-864311/CAW INSPEC
- Instruction Set Architecture 1975-Feb 86 (169)  
PB86-858412/CAW INSPEC
- Intel 8086 Microprocessor 1978-Oct 86 (343)  
PB86-876737/CAW INSPEC
- \*Interactive Display Devices Sep 84-Sep 86 (151)  
PB86-875770/CAW EDB
- IBM CICS 1975-Oct 85 (65)  
PB85-869931/CAW INSPEC
- \*IBM Personal Computers and Compatible Equipment Apr 85-Mar 86 (75)  
PB86-859022/CAW INSPEC
- IBM PC Multiuser and Networking Systems 1983-Jan 86 (103)  
PB86-856853/CAW INSPEC
- IBM Series/1 Minicomputers 1977-Oct 86 (105)  
PB86-876828/CAW INSPEC
- IBM System 370 1975-Oct 86 (155)  
PB86-876687/CAW INSPEC
- IBM System 38 Computers 1979-Sep 85 (54)  
PB85-869402/CAW INSPEC
- IBM VM Operating Systems 1975-Feb 86 (114)  
PB86-857505/CAW INSPEC
- Macintosh Apple Computers 1975-Sep 86 (293)  
PB86-875119/CAW INSPEC

- Micro-Mainframe Links: Forecasts and Markets 1983-Jun 86 (140)  
PB86-870466/CAW COM
- Microcomputer to Mainframe Links 1975-Oct 86 (215)  
PB86-876661/CAW INSPEC
- Microcomputers by Timex/Sinclair 1980-Jan 86 (241)  
PB86-855400/CAW INSPEC
- Microcomputers: Texas Instruments 1975-Jan 86 (162)  
PB86-855442/CAW INSPEC
- \*Microcomputers: The Commodore 20 and 64 1985-1986 (201) Excludes BASIC programming and games  
PB87-852083/CAW INSPEC
- Microprocessor Architecture 1974-1984 (284)  
PB85-852010/CAW Ei
- Microprocessors: Spacecraft 1975-Jul 86 (208)  
PB86-870854/CAW IAA
- Motorola MC68020 32-Bit Microprocessors Mar 83-1986 (82)  
PB87-852901/CAW INSPEC
- National Semiconductor NS 32000 Microprocessor Family 1984-Oct 86 (73)  
PB86-876190/CAW INSPEC
- National Semiconductor NS16000 Microprocessor Family 1980-Nov 85 (83)  
PB86-852019/CAW INSPEC
- Northstar Computers 1975-Feb 86 (59)  
PB86-861754/CAW INSPEC
- Optical Computers 1975-Nov 86 (165)  
PB87-850780/CAW INSPEC
- Parallel Computer Architecture 1975-Apr 86 (115)  
PB86-863990/CAW INSPEC
- Parallel Computers 1975-Apr 86 (136)  
PB86-865524/CAW INSPEC
- \*Parallel Processors Oct 85-Sep 86 (333)  
PB86-875556/CAW Ei
- \*Personal Computing: Trends and Forecasting Oct 84-Sep 86 (241)  
PB86-875184/CAW INSPEC
- Pipelined Architecture in Data and Image Processing 1975-May 86 (94)  
PB86-868007/CAW INSPEC
- Pipelined Computer Architecture 1970-Apr 86 (74)  
PB86-864063/CAW Ei
- Reduced Instruction Set Computers 1983-Sep 86 (136)  
PB86-875424/CAW COM
- \*Reduced Instruction Set Computers 1975-Sep 86 (137)  
PB86-875713/CAW INSPEC
- Reduced Instruction Set Computers - RiSC 1981-Jan 86 (67)  
PB86-858198/CAW INSPEC
- Single Instruction Stream-Multiple Data Stream Computers Architecture -SIMD 1975-Jan 86 (201)  
PB86-857216/CAW INSPEC
- Supercomputers 1972-Aug 86 (180)  
PB86-872603/CAW IAA
- \*Supercomputers Dec 85-Nov 86 (191)  
PB87-851598/CAW INSPEC
- Supercomputers: Market Aspects 1983-May 86 (127) Excludes supermicros  
PB86-868908/CAW COM
- Supermicrocomputers 1975-Nov 85 (66)  
PB86-850260/CAW INSPEC
- Superminicomputers 1975-Oct 86 (119)  
PB86-877149/CAW INSPEC
- Systolic Arrays and Array Processors 1975-May 86 (178)  
PB86-868064/CAW INSPEC
- Third Party Maintenance of Computer Hardware: Market Aspects 1983-Jun 86 (141)  
PB86-869476/CAW COM



- Thirty-two Bit Microprocessors 1975-Oct 86 (259)  
PB86-877081/CAW INSPEC
- Trends in Computer Technology 1970-Mar 86 (210)  
PB86-860293/CAW NTIS
- Vector Processors and Processing 1975-Jan 86 (52)  
PB86-856770/CAW INSPEC
- Voice Data Entry 1975-Apr 86 (131)  
PB86-865094/CAW INSPEC
- VAX 11/780 Computers 1975-Oct 85 (58)  
PB85-869832/CAW INSPEC
- Wang Family of Computers 1975-Apr 86 (62)  
PB86-865565/CAW INSPEC
- Zilog Z8000 Family of Microprocessors 1979-Nov 85 (170)  
PB86-851227/CAW INSPEC

## Concrete polymer composites

- \*Concrete Polymer Composites Dec 82-Mar 86 (134)  
PB86-863503/CAW Ei
- Concrete Polymer Composites 1970-Mar 86 (322) Excludes radioactive fillers  
PB86-864204/CAW NTIS
- Concrete Polymer Composites 1977-Oct 86 (272)  
PB87-852117/CAW RAPRA

## Concretes

- \*Bridges: Construction and Construction Materials 1978-May 86 (201)  
PB86-868882/CAW NTIS
- \*Concretes: Mechanical Properties Nov 82-Nov 85 (135)  
PB86-851854/CAW Ei
- \*Corrosion of Reinforced Concrete 1978-1986 (385)  
PB87-853263/CAW Ei
- \*Corrosion of Reinforced Concrete Feb 82-Sep 86 (131)  
PB86-875101/CAW NTIS
- Lightweight Concretes 1970-Nov 85 (344)  
PB86-851920/CAW Ei

## Concurrent systems

- Petri Nets for Parallel Processing and Concurrent Systems 1975-Apr 86 (139)  
PB86-865490/CAW INSPEC

## Conferencing(Communication)

- Teleconferencing 1970-May 85 (112) Excludes medical teleconsultation  
PB85-859486/CAW NTIS
- Videoconferencing 1975-Oct 86 (108)  
PB86-875358/CAW INSPEC

## Confined environments

- Effects of Remote, Isolated, or Confined Areas on Humans 1970-Mar 86 (137)  
PB86-862976/CAW NTIS

## Congenital abnormalities

- Genetic Markers in Humans 1978-1985 (57)  
PB86-853322/CAW LSC

## Constitutive equations

- Constitutive Equations: Plastic and Viscoelastic Properties Aug 77-May 86 (330)  
PB86-867975/CAW IAA
- Constitutive Equations: Plastic and Viscoelastic Properties 1975-May 86 (201)  
PB86-867991/CAW INSPEC

## Construction

- Cold Weather Construction 1970-May 86 (230)  
PB86-870227/CAW NTIS

## Construction management

- \*Construction Management Jul 82-May 86 (260)  
PB86-869518/CAW NTIS

## Construction materials

- Adhesives Used on Building Materials 1970-Mar 86 (235)  
PB86-862174/CAW Ei
- Asphalt Blends 1970-Oct 86 (95)  
PB86-876257/CAW PTO
- \*Bridges: Construction and Construction Materials 1978-May 86 (201)  
PB86-868882/CAW NTIS
- \*Building Fires 1982-Apr 86 (270) Covers studies on the flammability and fire safety of buildings, their construction materials, and their furnishings  
PB86-863149/CAW NTIS
- Building Textiles 1975-Sep 85 (292)  
PB85-867463/CAW WTA

- \*Concrete Polymer Composites Dec 82-Mar 86 (134)  
PB86-863503/CAW Ei

- Concrete Polymer Composites 1970-Mar 86 (322) Excludes radioactive fillers  
PB86-864204/CAW NTIS

- Concrete Polymer Composites 1977-Oct 86 (272)  
PB87-852117/CAW RAPRA

- \*Concretes: Mechanical Properties Nov 82-Nov 85 (135)  
PB86-851854/CAW Ei

- \*Fly Ash Mar 85-Feb 86 (92) Includes studies on its formation, properties, control, and use  
PB86-858040/CAW Ei

- \*Fly Ash Apr 85-Mar 86 (94) Includes studies on its formation, properties, control, and use  
PB86-859279/CAW NTIS

- Geotextiles 1983-May 85 (81)  
PB85-860898/CAW NTIS

- Lightweight Concretes 1970-Nov 85 (344)  
PB86-851920/CAW Ei

- Plastic Building Materials for Underground Construction 1977-Oct 85 (304)  
PB85-869634/CAW RAPRA

- Plastic Sheathing and Siding: Building Applications 1978-Jun 85 (194)  
PB85-863165/CAW RAPRA

- \*Plastic-Based Flooring Materials Jun 83-Nov 85 (151)  
PB85-872398/CAW RAPRA

- Plastics Used as Building or Construction Materials 1975-Apr 86 (268)  
PB86-863008/CAW Ei

- \*Polymeric Roofing Materials Jul 84-Nov 86 (209)  
PB87-851317/CAW RAPRA

- Roofs and Roofing Technology 1970-Apr 86 (353)  
PB86-865938/CAW Ei

- Roofs and Roofing Technology 1974-Mar 85 (137)  
PB85-856557/CAW ISMEC

- \*Thermal Insulation for Buildings Sep 82-May 86 (202)  
PB86-868320/CAW Ei

- \*Thermal Insulation for Residential Homes Sep 82-May 86 (329)  
PB86-869039/CAW NTIS

## Consumable electrode melting

- Consumable Electrode Melting for the Reprocessing and Purification of Metals 1966-Aug 85 (156)  
PB85-865905/CAW METADEX

## Consumer affairs

- \*Consumer Affairs Jun 80-Mar 86 (301)  
PB86-863115/CAW NTIS

- Fibers and Textiles: Fire Resistance Dec 79-1986 (242) Includes fiber preparation and additives, standards, textile burning studies, and consumer aspects  
PB87-852208/CAW Ei

- Flame Retardant Textiles 1970-Apr 85 (136)  
PB85-857316/CAW PTO

- \*Product Liability Nov 84-Oct 86 (63)  
PB86-876919/CAW Ei

- Product Liability for Manufacturers 1976-Jun 85 (137)  
PB85-863371/CAW PIRA

- Product Safety: Industrial and Consumer Impacts 1976-Jul 85 (203)  
PB85-864122/CAW PIRA

## Contact lenses

- Contact Lens Solutions 1970-Nov 85 (110)  
PB85-871390/CAW PTO

- Contact Lenses and the Risk of Infection 1978-1985 (79)  
PB86-854940/CAW LSC

## Containers

- Aerosol Packaging Industry 1982-Feb 86 (217)  
PB86-860624/CAW PSTA

- Corrosion of Food and Beverage Cans 1973-Jan 86 (120)  
PB86-855459/CAW FSTA

- Cosmetics Containers 1970-Apr 86 (72)  
PB86-865458/CAW PTO

- Safety in the Packaging Industry 1982-Jun 86 (81) Excludes tamper proof containers  
PB86-870540/CAW PSTA

- Tamper Resistant Packaging 1970-Oct 85 (56)  
PB85-869865/CAW PTO

## Contracts

- Incentive Contracts 1970-Jun 85 (193)  
PB85-862803/CAW NTIS

## Control rooms

- Nuclear Control Rooms: Human Factors Engineering 1980-Aug 86 (168)  
PB86-874013/CAW EDB

## Control theory

- \*Control Theory 1985-1986 (240)  
PB87-852059/CAW NTIS
- \*Kalman Filters Nov 82-Jan 86 (258)  
PB86-857661/CAW Ei
- \*Kalman Filters Sep 83-Aug 86 (111)  
PB86-872702/CAW NTIS

## Controlled atmospheres

- Clean Room Technology 1970-May 86 (112)  
PB86-868601/CAW Ei
- \*Food Storage in Controlled Atmospheres Oct 83-Oct 86 (106)  
PB86-875648/CAW FSTA

## Controllers

- Adaptive Control Systems 1983-Apr 86 (96)  
PB86-864881/CAW COM
- Automobile Electronics 1970-Oct 86 (172)  
PB86-876158/CAW PTO
- \*Direct Current Motor Control Jul 83-Mar 86 (310)  
PB86-858925/CAW INSPEC
- Fault Tolerant Control Methods and Systems 1975-1986 (115)  
PB87-852554/CAW INSPEC
- Interfacing Techniques and Devices in Microprocessor-Controlled Systems 1975-Mar 86 (76)  
PB86-861135/CAW INSPEC
- Membrane Switches 1970-Sep 86 (145)  
PB86-874971/CAW PTO



- Microcomputer Controlled Systems 1970-Apr 85 (89)  
PB85-857878/CAW PTO
- Microprocessor Control Equipment 1970-Jun 85 (57)  
PB85-862738/CAW PTO
- Microprocessors Used for Electric Motor Controls and Monitors 1975-Mar 86 (313)  
PB86-860640/CAW INSPEC
- \*Programmable Controllers Nov 84-Oct 86 (313)  
PB86-876513/CAW INSPEC
- Programmable Controllers: Design and Applications 1973-Nov 85 (258)  
PB86-851318/CAW ISMEC
- Servomechanisms: Digital Control 1975-Jul 86 (115)  
PB86-870714/CAW INSPEC

## Conveyors

- \*Conveyor Systems Aug 83-May 85 (113)  
PB85-859866/CAW Ei
- \*Conveyor Systems Apr 84-May 85 (65)  
PB85-861276/CAW NTIS

## Cooking

- Packaging for Microwave Oven Cooking 1976-Apr 86 (145)  
PB86-864626/CAW PIRA

## Cooling

- Computer Aided Design: Buildings and Building Systems 1970-Aug 86 (106)  
PB86-873908/CAW NTIS
- \*Cryogenic Refrigeration Mar 82-Mar 86 (172)  
PB86-859204/CAW NTIS
- \*Cutting Fluids for Grinding, Milling, and Machining of Metals and Minerals Dec 83-Nov 86 (96)  
PB87-850574/CAW Ei
- Finned Tube Heat Exchangers 1974-1985 (342)  
PB86-854635/CAW Ei
- \*Heat Pipes Aug 85-Jul 86 (72)  
PB86-871886/CAW NTIS  
Heat Pipes 1970-Nov 85 (229)  
PB85-872562/CAW PTO
- Heat Pipes: Aerospace Applications 1972-Aug 86 (243)  
PB86-874005/CAW IAA
- Microprocessors: HVAC System Control 1979-Feb 86 (92)  
PB86-858727/CAW EDB

## Copper

- Copper Containing Solar Cells: Production and Efficiency 1972-Nov 85 (112)  
PB85-871671/CAW IAA
- Electroplating of Copper 1970-Jan 86 (129)  
PB86-856143/CAW NTIS
- Pitting Corrosion of Copper and Copper Alloys 1966-Apr 86 (156)  
PB86-862471/CAW METADEX
- Protective Coatings for Copper and Copper Base Alloys 1966-Nov 86 (170) Excludes electrodeposited coatings  
PB87-850392/CAW METADEX

## Copper alloys

- Adhesive Bonding of Copper Base Alloys 1966-Oct 86 (183)  
PB86-876133/CAW METADEX
- Aluminum-Four Percent Copper Alloys: Mechanical and Metallurgical Properties 1966-Apr 85 (317)  
PB85-858181/CAW METADEX
- Copper Containing Solar Cells: Production and Efficiency 1972-Nov 85 (112)  
PB85-871671/CAW IAA
- Electrodeposition of Copper Base Alloys 1966-May 86 (140)  
PB86-866415/CAW METADEX

- Pitting Corrosion of Copper and Copper Alloys 1966-Apr 86 (156)  
PB86-862471/CAW METADEX
- Protective Coatings for Copper and Copper Base Alloys 1966-Nov 86 (170) Excludes electrodeposited coatings  
PB87-850392/CAW METADEX

## Copyrights

- Software Copyright Protection 1983-Aug 86 (86) Legal issues concerning software piracy are covered in another bibliography  
PB86-874625/CAW COM
- Software Piracy: Legal Issues 1983-Aug 86 (152)  
PB86-873056/CAW COM

## Corn

- Vegetable Flavor: Corn and Corn Products 1972-Jul 85 (90)  
PB85-865152/CAW FSTA

## Corn starch

- Corn Starch: Properties and Processing 1972-Nov 86 (274)  
PB87-850301/CAW FSTA

## Corrosion

- Air Pollution Effects on Materials 1970-Oct 85 (201)  
PB85-870442/CAW NTIS
- Atmospheric Corrosion Testing 1966-Feb 85 (180)  
PB85-855666/CAW METADEX
- Bacterial Corrosion and Protection of Metals 1970-1985 (257)  
PB86-853082/CAW METADEX
- Boiler and Steam Generator Corrosion 1970-Jul 86 (342)  
PB86-870979/CAW NTIS
- Chloride Stress Corrosion 1975-May 86 (284)  
PB86-867868/CAW EDB
- Corrosion by Sour Gas and Hydrogen Sulfide in Oil and Gas Wells 1976-Sep 85 (198)  
PB85-867992/CAW EDB
- Corrosion of Food and Beverage Cans 1973-Jan 86 (120)  
PB86-855459/CAW FSTA
- Corrosion of Lead and Lead Alloys Jun 70-Jan 86 (142)  
PB86-857638/CAW Ei
- \*Corrosion of Reinforced Concrete 1978-1986 (385)  
PB87-853263/CAW Ei
- \*Corrosion of Reinforced Concrete Feb 82-Sep 86 (131)  
PB86-875101/CAW NTIS
- Corrosion Prevention: Cathodic Protection 1966-Oct 85 (327)  
PB85-869774/CAW METADEX
- Corrosion Resistance of Nickel and Nickel Alloys 1973-Aug 86 (209)  
PB86-874559/CAW ISMEC
- Corrosion Resistance of Stainless Steels 1973-1985 (285)  
PB86-855277/CAW ISMEC
- Corrosion Resistant Nickel Alloys for High Sulfur and Chloride Environments 1974-Mar 85 (105)  
PB85-856144/CAW METADEX
- Fretting Corrosion and Associated Metal Fatigue 1966-Mar 86 (249)  
PB86-860905/CAW METADEX
- Geothermal Power: Corrosion and Material Development 1973-Apr 86 (207)  
PB86-867231/CAW NTIS
- Magnesium Alloys: Corrosion Properties 1970-Jun 86 (154)  
PB86-869914/CAW NTIS
- Papermaking: Corrosion and Corrosion Control 1976-Mar 86 (337)  
PB86-863040/CAW PIRA

- \*Pipeline Corrosion Aug 81-Oct 86 (377)  
PB86-876810/CAW Ei
- Pipeline Corrosion 1970-Mar 85 (99)  
PB85-856284/CAW NTIS
- Pitting Corrosion of Aluminum and Aluminum Alloys 1970-Jan 86 (117)  
PB86-857653/CAW Ei
- Pitting Corrosion of Copper and Copper Alloys 1966-Apr 86 (156)  
PB86-862471/CAW METADEX
- \*Plastics Decomposition Oct 83-Sep 85 (110)  
PB85-867919/CAW Ei
- Polymeric Materials: Decomposition and Corrosion Jun 74-Aug 86 (299)  
PB86-873593/CAW IAA
- \*Sea Water Corrosion Feb 80-Mar 85 (213)  
PB85-856292/CAW NTIS
- \*Steam Generators: Water Chemistry Effects 1984-Nov 85 (112)  
PB86-852472/CAW EDB
- Stress Corrosion of Stainless Steel 1976-Oct 85 (211)  
PB85-869550/CAW INSPEC
- \*Stress Corrosion of Steel 1980-Jul 85 (95) Excludes stainless steel  
PB85-863603/CAW NTIS
- Underground Corrosion of Steels: Cathodic Protection and Protective Coatings 1966-Jul 86 (170)  
PB86-870896/CAW METADEX

## Corrosion prevention

- Aviation Fuel Additives 1970-Jun 86 (160)  
PB86-868700/CAW NTIS
- Bacterial Corrosion and Protection of Metals 1970-1985 (257)  
PB86-853082/CAW METADEX
- \*Cathodic Protection Aug 81-Sep 85 (253)  
PB85-868065/CAW Ei
- Cathodic Protection 1970-Jul 85 (175)  
PB85-863884/CAW NTIS
- \*Ceramic Coatings for Wear and Corrosion Resistance at High Temperatures Sep 84-Aug 86 (154)  
PB86-872546/CAW METADEX
- Corrosion Inhibitors: Utilization in Oil and Gas Production 1976-Nov 85 (172)  
PB86-850765/CAW EDB
- Corrosion Prevention in Saline Environments 1966-Aug 85 (295)  
PB85-865947/CAW METADEX
- Corrosion Prevention: Cathodic Protection 1966-Oct 85 (327)  
PB85-869774/CAW METADEX
- Corrosion Protection of Aluminum and Aluminum Alloys 1973-Nov 86 (190)  
PB87-850566/CAW ISMEC
- \*Corrosion Protection of Metals and Metal Alloys Nov 82-Jan 86 (346)  
PB86-855525/CAW EDB
- \*Corrosion Resistant Coatings 1984-1985 (221)  
PB86-852803/CAW EDB
- \*Corrosion Resistant Coatings Jun 83-Apr 86 (154)  
PB86-865037/CAW Ei
- Corrosion Resistant Coatings 1974-Nov 86 (321)  
PB87-851036/CAW IAA
- \*Corrosion Resistant Coatings Feb 83-Feb 86 (121)  
PB86-858958/CAW NTIS
- Corrosion Resistant Coatings 1980-Feb 86 (76)  
PB86-858669/CAW WSC
- \*Corrosion Resistant Coatings: Hot Dip Galvanizing May 82-1985 (271)  
PB86-854494/CAW METADEX
- Diesel Fuel Additives 1979-May 86 (168)  
PB86-868544/CAW EDB



- \*Diffusion Coating Process Dec 82-Jul 86 (153)  
PB86-871472/CAW METADEX
- Electric Power Plants: Protective Coatings and Corrosion Inhibition 1966-May 86 (232)  
PB86-866662/CAW METADEX
- Fuel Additives 1970-Jul 86 (156) Includes additives in automotive, diesel, and boiler fuels  
PB86-871209/CAW Ei
- \*Galvanizing Sep 83-Apr 86 (137)  
PB86-865128/CAW Ei
- Gas Turbines: Protective Coatings for Corrosion and Erosion Protection 1970-1986 (268)  
PB87-852133/CAW Ei
- Gas Turbines: Protective Coatings for Corrosion and Erosion Protection 1966-1986 (265)  
PB87-852927/CAW METADEX
- Hydrazine: Corrosion Control 1976-Nov 85 (100)  
PB86-851417/CAW EDB
- Marine Corrosion Control 1973-Nov 86 (249)  
PB87-850079/CAW ISMEC
- Marine Gas Turbine Engines 1973-May 86 (167)  
PB86-866621/CAW ISMEC
- Papermaking: Corrosion and Corrosion Control 1976-Mar 86 (337)  
PB86-863040/CAW PIRA
- Pipeline Insulation: Heat Loss and Corrosion Prevention 1972-Nov 85 (157)  
PB85-871986/CAW Ei
- Pipeline System Insulation: Thermal Insulation and Corrosion Prevention 1976-Nov 85 (266)  
PB86-851060/CAW RAPRA
- Protective Coatings: Vapor Deposition 1966-Nov 86 (222)  
PB87-851390/CAW METADEX
- Silicide Coated Heat Resistant Alloys 1966-Nov 85 (240)  
PB85-872596/CAW METADEX
- Solar Collectors: Corrosion Protection and Protective Coatings 1976-Oct 85 (225)  
PB85-869923/CAW EDB

## Cosmetics

- Cosmetics Containers 1970-Apr 86 (72)  
PB86-865458/CAW PTO
- Cosmetics Packaging Industry 1982-Feb 86 (150)  
PB86-861721/CAW PSTA
- Cosmetics: Chemical and Biological Analysis 1978-1983 (214)  
PB85-861060/CAW LSC
- Cosmetics: Chemical and Biological Properties 1984-Apr 86 (200)  
PB86-864980/CAW LSC

## Cost benefit analysis

- Cost Benefit Analysis in the Aerospace Industry 1972-1985 (244)  
PB86-853108/CAW IAA

## Costs

- \*Control of Health Care Costs 1980-Mar 86 (318)  
PB86-861481/CAW NTIS
- \*Cost Control Methods Mar 84-Jun 85 (135)  
PB85-862845/CAW NTIS
- Health Care Costs: Ambulatory Health Care Sep 75-Sep 86 (303)  
PB86-875937/CAW NTIS
- \*Health Care Costs: Health Care Facilities 1977-Feb 86 (333) Excludes nursing homes  
PB86-857786/CAW NTIS
- Health Care Costs: Long Term Care Feb 76-Jan 86 (218)  
PB86-856309/CAW NTIS
- \*Health Maintenance Organizations and Health Care Costs Feb 85-Jan 86 (66)  
PB86-857026/CAW MC
- \*Pricing Methods Mar 82-Apr 86 (217)  
PB86-866027/CAW NTIS

- \*Sewage Treatment Costs and Economics 1979-Jun 86 (322) Covers sewers, sludge disposal, treatment techniques, and entire systems  
PB86-868551/CAW NTIS
- \*Software Engineering Economics 1975-Mar 86 (103)  
PB86-858941/CAW INSPEC
- Value Engineering and Analysis 1975-Jul 85 (81)  
PB85-864908/CAW INSPEC

## Counseling

- Genetic Counseling 1978-Aug 86 (188)  
PB86-874856/CAW LSC

## Counterinsurgency

- Insurgency and Counterinsurgency in Military Affairs 1980-Jun 86 (89)  
PB86-869633/CAW NTIS

## Countermeasures

- \*Electronic Countermeasures and Electronic Counter Countermeasures Jun 82-Nov 86 (353)  
PB87-850129/CAW NTIS

## Coupling

- Optical Couplers 1970-Jul 85 (146)  
PB85-865129/CAW PTO

## Cracking process

- Catalytic Cracking Jun 70-Nov 85 (319)  
PB85-871846/CAW Ei
- Catalytic Cracking Jun 70-Nov 85 (218)  
PB86-852274/CAW NTIS
- Cracking Catalysts 1977-1985 (286)  
PB86-854528/CAW EDB

## Crashworthiness

- \*Automobile Impact Tests Sep 80-Nov 86 (133)  
PB87-851002/CAW NTIS

## Credit cards

- Credit Cards 1970-Aug 85 (276)  
PB85-866150/CAW PTO
- Smart Cards 1975-Sep 86 (97)  
PB86-875697/CAW INSPEC

## Creep

- Titanium and Titanium Alloy Creep 1970-Feb 86 (220)  
PB86-857471/CAW NTIS

## Crimes

- Employee Theft 1974-May 86 (115)  
PB86-870102/CAW MC
- Intrusion and Weapon Detection: Crime Prevention 1970-Feb 86 (214)  
PB86-858271/CAW Ei
- Intrusion and Weapon Detection: Crime Prevention 1970-Jan 86 (301)  
PB86-857604/CAW NTIS
- Security Devices Feb 78-Jul 86 (301)  
PB86-872132/CAW EDB
- Security Devices Apr 77-Aug 86 (356)  
PB86-873486/CAW Ei

## Crisis management

- Crisis Management 1975-May 86 (228)  
PB86-866589/CAW MC

## Critical path method

- Critical Path Method 1970-Apr 86 (135)  
PB86-863909/CAW Ei
- Critical Path Method 1975-May 85 (208)  
PB85-861136/CAW INSPEC

## Crosslinking

- Crosslinked Polymers 1970-Jul 86 (211)  
PB86-871001/CAW PTO

- Plastics and Elastomers: Radiation Crosslinking 1973-Mar 86 (342)  
PB86-862539/CAW RAPRA
- Polymeric Reagents 1973-Aug 86 (97)  
PB86-874989/CAW RAPRA

## Crosstalk

- Transmission Line Crosstalk 1975-Nov 85 (132)  
PB86-851979/CAW INSPEC

## Crude oil

- Heavy Crude Petroleum Deposits 1976-Jan 86 (216)  
PB86-865556/CAW EDB

## Crustacea

- Ecology of Freshwater Crustaceans 1978-Aug 85 (196)  
PB85-866242/CAW LSC
- Ecology of Marine Crustaceans 1978-Aug 85 (108)  
PB85-866168/CAW LSC

## Cryogenics

- Aluminum and Aluminum Alloys: Cryogenic Properties 1970-Sep 86 (210)  
PB86-874237/CAW Ei
- \*Cryogenic Refrigeration Mar 82-Mar 86 (172)  
PB86-859204/CAW NTIS
- Magnetic Refrigeration 1976-Aug 86 (74)  
PB86-873627/CAW EDB

## Cryopreservation

- Cryopreservation of Microorganisms 1978-Aug 85 (67)  
PB85-865822/CAW LSC
- Cryopreservation Methods in Immunology 1978-Aug 85 (59)  
PB85-865830/CAW LSC

## Cryptography

- Cryptography and Cryptographic Hardware 1970-Apr 86 (84)  
PB86-864402/CAW PTO
- \*Cryptography and Cryptosystems Jan 86-Dec 86 (192)  
PB87-852745/CAW INSPEC
- Cryptography and Cryptosystems 1970-Oct 86 (208)  
PB86-876059/CAW NTIS
- Data Encryption Standard 1975-Jan 86 (119)  
PB86-855814/CAW INSPEC
- Microcomputers: Data and Software Security 1983-Aug 86 (150)  
PB86-874641/CAW COM

## Crystal growth

- Bridgman Crystal Growth 1975-Sep 86 (139)  
PB86-875309/CAW INSPEC
- Crystal Growth from Melts Jul 79-Sep 86 (96)  
PB86-876323/CAW SPIN
- Czochralski Crystal Growth Jun 70-Nov 85 (332)  
PB86-851458/CAW NTIS
- Float Zone Method of Silicon Crystal Growth 1975-May 86 (170)  
PB86-868395/CAW INSPEC
- Laser Glasses and Crystals 1975-Nov 85 (230)  
PB85-871911/CAW INSPEC
- Microgravity Research on Materials Sciences 1974-Aug 85 (66)  
PB85-868727/CAW IAA
- Microgravity Research on Materials Sciences 1975-Oct 86 (177) Excludes microgravity research on life sciences  
PB86-877214/CAW METADEX
- Molecular Beam Epitaxy 1970-Jun 86 (62)  
PB86-870110/CAW PTO



- \*Molecular Beam Epitaxy: Principles and Non-Gallium Arsenide Applications Jul 84-Jun 86 (309)  
PB86-869377/CAW INSPEC
- Silicon on Insulator Structures: Crystal Growth 1975-Aug 86 (129) Excludes oxygen implantation in SOI structures  
PB86-873676/CAW INSPEC
- Zero Gravity and Microgravity Experiments in Crystal Growth and Solidification 1975-Jan 86 (168)  
PB86-855517/CAW INSPEC

## Crystal structure

- Quasicrystalline Materials 1975-Jul 86 (133)  
PB86-871712/CAW INSPEC

## Cultivation

- Guayule Rubber: Cultivation and Manufacture 1977-May 85 (206)  
PB85-861185/CAW RAPRA

## Curing

- Electron Beam Curing of Polymers 1977-1986 (269)  
PB87-851978/CAW RAPRA
- Moisture Curable Coatings 1980-Apr 86 (151)  
PB86-864352/CAW WSC
- Polymer Radiation Curing: Epoxies, Phenolics, Fluorocarbons, and Silicones 1970-Jan 86 (255)  
PB86-857752/CAW NTIS
- Polymer Radiation Curing: Polyolefins and Acrylics 1970-1986 (216)  
PB87-852463/CAW NTIS
- Polymer Radiation Curing: Styrenes and Vinyls 1970-Apr 86 (173)  
PB86-864584/CAW NTIS
- Polyurethanes: Curing 1980-Nov 86 (220)  
PB87-850087/CAW WSC
- Radiation Curable Polymer Coatings 1970-Jun 86 (139)  
PB86-860509/CAW PTO
- \*Radiation Curing of Polymers Dec 83-Nov 86 (324)  
PB87-851457/CAW Ei

## Cutting

- \*Ceramic Tools for Metal Finishing and Cutting Jan 85-Dec 85 (65)  
PB86-853975/CAW METADEX
- Coatings for Metal Cutting and Forming Tools 1970-Oct 86 (278)  
PB86-877040/CAW Ei
- \*Coatings for Metal Cutting Tools Jul 84-Nov 86 (156)  
PB87-850558/CAW METADEX
- Cutting Equipment for Meat, Poultry, and Fish 1972-Jul 86 (138)  
PB86-873429/CAW FSTA
- Face Milling: Surface Finishing and Tool Life 1966-1985 (91)  
PB86-854577/CAW METADEX
- Jet Cutting: High Pressure 1974-Oct 86 (264)  
PB87-850145/CAW BHRA FLUID
- Laser Cutting and Machining 1970-Jun 86 (77)  
PB86-869724/CAW PTO
- Laser Metal Cutting 1966-1985 (353)  
PB86-853074/CAW METADEX
- \*Metal Cutting: Factors Affecting Tool Life Aug 82-Apr 85 (251)  
PB85-858447/CAW ISMEC

## Cutting fluids

- \*Cutting Fluids for Grinding, Milling, and Machining of Metals and Minerals Dec 83-Nov 86 (96)  
PB87-850574/CAW Ei
- Cutting Fluids: Lubrication, Heat Transfer, and Corrosion Prevention 1983-Mar 86 (95)  
PB86-860749/CAW METADEX

## Cybernetics

- Neural Networks: Modeling and Cybernetics 1975-Jul 86 (88)  
PB86-872058/CAW INSPEC

## Cyclosporin A

- Cyclosporines and Immunosuppression 1978-Oct 83 (157)  
PB86-850963/CAW LSC
- Cyclosporins and Immunosuppression Nov 83-Nov 85 (219)  
PB86-850971/CAW LSC

## Cyclosporines

- Cyclosporines and Immunosuppression 1978-Oct 83 (157)  
PB86-850963/CAW LSC
- Cyclosporins and Immunosuppression Nov 83-Nov 85 (219)  
PB86-850971/CAW LSC

## Czocharlski method

- Czocharlski Crystal Growth Jun 70-Nov 85 (332)  
PB86-851458/CAW NTIS

## Dairy products

- Cheddar Cheese: Flavor 1972-Oct 85 (179)  
PB85-870780/CAW FSTA
- Commercial Freezers Used by the Food, Dairy, and Beverage Industries 1972-Feb 86 (294)  
PB86-858016/CAW FSTA
- Dairy Flavor: Cheese (Other Than Cheddar) 1972-May 86 (90)  
PB86-869427/CAW FSTA
- Dairy Products: Lactic Acid Bacteria 1984-Apr 85 (66)  
PB85-859882/CAW FSTA
- Dairy Products: Pseudomonads and Psychrotrophic Bacteria 1972-Apr 86 (300)  
PB86-864949/CAW FSTA
- Dairy Products: Lactic Acid Bacteria 1975-1983 (338)  
PB85-859874/CAW FSTA
- Dried Milk and Dried Milk Products: Manufacture, Packaging, and Storage 1972-Apr 86 (311)  
PB86-865714/CAW FSTA
- Heat Exchangers Used by the Food Industry 1972-Apr 86 (294)  
PB86-862919/CAW FSTA
- Ice Cream Manufacture 1972-Jun 86 (287)  
PB86-870938/CAW FSTA
- Pesticide Residues in Milk and Other Dairy Products 1972-Jul 85 (342)  
PB85-864429/CAW FSTA
- Spray Drying of Food Products 1972-1985 (324)  
PB86-854841/CAW FSTA
- \*Yogurt Manufacture Mar 83-Mar 85 (116)  
PB85-856094/CAW FSTA

## Dams

- Earth Dams: Design, Construction, and Safety 1977-Aug 86 (223)  
PB86-874047/CAW SWRA
- \*Earthquake Engineering: Buildings, Bridges, Dams, and Related Structures Mar 83-Nov 86 (299)  
PB87-850731/CAW NTIS
- Fishways: Design and Operation 1970-Feb 86 (154)  
PB86-857299/CAW NTIS

## Dark adaptation

- Night Vision and Dark Adaptation 1970-Oct 86 (237)  
PB86-877057/CAW NTIS

## Data base languages

- Data Base Languages 1970-Apr 86 (183)  
PB86-866282/CAW Ei

- Data Base Languages 1970-Aug 86 (180)  
Includes query languages, ddl, dml, and data element dictionaries/directories  
PB86-872926/CAW NTIS
- Integrated Database Management System-IDMS Nov 75-Jan 86 (63)  
PB86-856069/CAW INSPEC

## Data base management

- Database Gateway Systems 1983-Jul 86 (107)  
PB86-872900/CAW COM
- Database Gateway Systems 1975-Jan 86 (72)  
PB86-858826/CAW INSPEC
- Database Machines 1975-Jul 86 (105)  
PB86-871530/CAW INSPEC
- \*Distributed Data Base Management Systems Oct 84-Sep 86 (158)  
PB86-875507/CAW INSPEC
- Integrated Database Management System-IDMS Nov 75-Jan 86 (63)  
PB86-856069/CAW INSPEC
- Microcomputer Utilization with Database Systems 1977-May 85 (194)  
PB85-858983/CAW INSPEC
- Relational Data Bases 1970-1986 (209)  
PB87-852620/CAW NTIS
- \*Relational Data Bases and Data Base Systems Nov 85-Oct 86 (380)  
PB86-876901/CAW INSPEC
- Relational Database Management Systems: Market Aspects 1983-Jul 86 (86)  
PB86-871993/CAW COM

## Data compression

- \*Data Compression Apr 82-Aug 86 (166)  
PB86-873205/CAW Ei
- \*Data Compression 1981-Apr 86 (140)  
PB86-865243/CAW NTIS
- Data Compression: Techniques and Applications Oct 83-Sep 86 (293)  
PB86-875580/CAW INSPEC
- Image Data Compression 1970-May 86 (57)  
PB86-867918/CAW PTO

## Data conversion

- Data Conversion 1983-Jun 86 (142)  
PB86-871548/CAW COM

## Data displays

- \*Data Display Devices Aug 84-Oct 85 (95)  
PB85-870756/CAW Ei
- Displays: Dot Matrix 1976-Apr 86 (141)  
PB86-863685/CAW INSPEC
- \*Interactive Display Devices Sep 84-Sep 86 (151)  
PB86-875770/CAW EDB
- Plotters 1972-Nov 84 (231)  
PB85-851228/CAW IAA
- Windowing: Applications and Software Packages 1975-Oct 86 (310)  
PB86-875986/CAW INSPEC

## Data links

- Ethernet Communication Networks 1978-1986 (155)  
PB87-853156/CAW INSPEC
- HDLC: High Level Data Link Control 1975-Oct 85 (149)  
PB85-872174/CAW INSPEC
- Micro-Mainframe Links: Forecasts and Markets 1983-Jun 86 (140)  
PB86-870466/CAW COM
- Microcomputer to Mainframe Links 1975-Oct 86 (215)  
PB86-876661/CAW INSPEC
- Synchronous Data Link Control 1975-Feb 86 (77)  
PB86-857943/CAW INSPEC



## Data networks

Packet Switched Public Data Networks:  
European 1976-Jun 85 (163)  
PB85-862480/CAW INSPEC

## Data processing

- Computer Voice Recognition: Market Aspects 1983-Jun 86 (94)  
PB86-871498/CAW COM
- Computers: Front End Processors 1975-Jan 86 (128)  
PB86-862604/CAW INSPEC
- Computers: Massively Parallel Processors 1975-May 86 (51)  
PB86-866480/CAW INSPEC
- \*Distributed Data Processing Nov 81-Sep 85 (348)  
PB85-868859/CAW NTIS
- Distributed Information Systems 1975-Apr 86 (103)  
PB86-866829/CAW INSPEC
- \*Natural Language Processing 1978-Oct 86 (290)  
PB86-876521/CAW NTIS
- \*Parallel Processing Jul 85-May 86 (98)  
PB86-868627/CAW NTIS
- Pipelined Architecture in Data and Image Processing 1975-May 86 (94)  
PB86-868007/CAW INSPEC
- Single Instruction Stream-Multiple Data Stream Computers Architecture -SIMD 1975-Jan 86 (201)  
PB86-857216/CAW INSPEC
- Vector Processors and Processing 1975-Jan 86 (52)  
PB86-856770/CAW INSPEC
- Voice Data Entry 1975-Apr 86 (131)  
PB86-865094/CAW INSPEC

## Data processing security

- Computer Crime 1975-Oct 86 (311) Excludes software piracy  
PB86-876240/CAW INSPEC
- Computer Data Centers: Disaster Planning 1983-Jun 86 (222)  
PB86-871407/CAW COM
- \*Computer Information Security and Protection May 85-Apr 86 (94)  
PB86-862968/CAW Ei
- \*Computer Information Security and Protection Nov 84-Oct 86 (368)  
PB86-876026/CAW INSPEC
- \*Computer Information Security and Protection Jun 85-Apr 86 (52)  
PB86-865334/CAW NTIS
- Cryptography and Cryptographic Hardware 1970-Apr 86 (84)  
PB86-864402/CAW PTO
- \*Cryptography and Cryptosystems Jan 86-Dec 86 (192)  
PB87-852745/CAW INSPEC
- Cryptography and Cryptosystems 1970-Oct 86 (208)  
PB86-876059/CAW NTIS
- Data Encryption Standard 1975-Jan 86 (119)  
PB86-855814/CAW INSPEC
- Freedom of Information and Privacy 1974-Jun 86 (197)  
PB86-869229/CAW MC
- Microcomputers: Data and Software Security 1983-Aug 86 (150)  
PB86-874641/CAW COM
- Microcomputers: Data and Software Security 1974-Feb 86 (145)  
PB86-858172/CAW INSPEC
- \*Software Security and Piracy Feb 84-Mar 86 (302)  
PB86-859006/CAW INSPEC

## Data storage devices

- Bernoulli Disks 1983-Apr 86 (57)  
PB86-866886/CAW COM
- Compact Optical Disc Technology - CD ROM Apr 79-1986 (350)  
PB87-852885/CAW INSPEC
- \*Computer Output to Microfilm (COM) Jul 83-Mar 86 (137)  
PB86-861366/CAW INSPEC
- Computer Storage Access Time 1975-Oct 85 (345)  
PB85-871317/CAW INSPEC
- Computer Tape Cartridges 1975-Apr 86 (80)  
PB86-866936/CAW INSPEC
- Direct Access Storage Devices 1975-Jan 86 (112)  
PB86-857125/CAW INSPEC
- Electrically Erasable Programmable Read Only Memories 1975-Feb 86 (305)  
PB86-863297/CAW INSPEC
- Magnetic Disk Drives 1970-Sep 86 (238)  
PB86-875598/CAW PTO
- Magnetic Disks 1970-Apr 86 (169) Excludes citations pertaining specifically to drive mechanisms  
PB86-866365/CAW PTO
- \*Magnetic Recording Tape Feb 85-Jan 86 (66)  
PB86-856887/CAW Ei
- Nonvolatile Semiconductor Memories 1970-Mar 86 (133)  
PB86-860111/CAW PTO
- Nonvolatile Semiconductor Memory Circuits, Devices, and Systems 1970-Feb 86 (153)  
PB86-858024/CAW Ei
- Nonvolatile Semiconductor Memory Devices and Systems 1975-Jan 86 (340)  
PB86-855301/CAW INSPEC
- Perpendicular Magnetic Recording 1975-Apr 86 (148)  
PB86-865912/CAW INSPEC
- Semiconductor Memory Devices 1970-Jul 85 (196)  
PB85-864346/CAW PTO
- Thin Film Magnetic Heads 1975-May 86 (168)  
PB86-867710/CAW INSPEC
- Thin Film Magnetic Heads 1970-Feb 86 (113)  
PB86-858792/CAW PTO
- Winchester Disks and Drives 1975-Apr 86 (155)  
PB86-867082/CAW INSPEC

## Data transmission

- Computer Communication Software 1975-Oct 86 (247)  
PB86-877248/CAW INSPEC
- \*Computer Network Protocols Feb 84-Jan 86 (349)  
PB86-855756/CAW INSPEC
- Document Interchange Architecture - Document Content Architecture Jun 83-Jun 86 (109)  
PB86-871670/CAW COM
- DECNET: Digital Equipment Corporation Network Architecture 1976-Oct 86 (58)  
PB86-877123/CAW INSPEC
- HDLC: High Level Data Link Control 1975-Oct 85 (149)  
PB85-872174/CAW INSPEC
- Integrated Service Digital Networks: Switching and Transmission 1975-Jan 86 (188)  
PB86-855020/CAW INSPEC
- \*Local Area Networks Jan 86-Dec 86 (146)  
PB87-853180/CAW Ei
- Microcomputer Modems 1975-Feb 86 (220)  
PB86-864444/CAW INSPEC
- \*Microwave Communications Aug 81-Sep 85 (151)  
PB85-868560/CAW NTIS
- Open Systems Interconnections 1975-Jan 86 (244)  
PB86-856812/CAW INSPEC

- Optical Data Bus Networks 1975-Jul 86 (155)  
PB86-870516/CAW INSPEC
- Protocol Conversion 1975-Nov 85 (91)  
PB85-872034/CAW INSPEC
- Smart Modems 1983-Jul 86 (125)  
PB86-872207/CAW COM
- SDLC: Synchronous Data Link Control 1975-Oct 85 (104)  
PB85-871333/CAW INSPEC
- 5ESS Switching System 1975-1986 (71). Integrated digital networks (ISDNs) are covered in another bibliography  
PB87-853370/CAW INSPEC

## Day care centers

- Company Supported Child Care 1974-Jul 86 (71)  
PB86-874088/CAW MC

## DC to dc converters

- \*DC to DC Converters Dec 84-Mar 86 (72)  
PB86-861150/CAW INSPEC

## DDT

- \*DDT, DDD, and DDE Pesticides 1977-Feb 86 (237)  
PB86-858305/CAW NTIS

## Death

- Hospices and Care of the Terminally Ill 1970-Aug 86 (160)  
PB86-874146/CAW NTIS

## Decelerators

- Parachute Systems 1970-Feb 86 (171)  
PB86-861374/CAW Ei
- \*Parachutes and Decelerators 1979-May 86 (259)  
PB86-866258/CAW NTIS
- \*Parachutes and Parachuting (Excluding Space Vehicles) Jul 84-Aug 86 (92)  
PB86-873221/CAW IAA

## Decision making

- \*Civil Service Jul 80-May 85 (210)  
PB85-858835/CAW MC
- Critical Path Method 1970-Apr 86 (135)  
PB86-863909/CAW Ei
- \*Decision Making in Management Feb 83-May 86 (291)  
PB86-869948/CAW NTIS

## Decoding

- Error Correction Codes: Decoding Techniques 1975-Aug 86 (188)  
PB86-873213/CAW INSPEC

## Decompression sickness

- Decompression Sickness Physiology 1974-Aug 85 (271)  
PB85-864205/CAW OCEANIC
- Hyperbaric Medicine: Decompression Sickness 1974-Feb 86 (207)  
PB86-860715/CAW OCEANIC

## Decontamination

- \*Chemical and Biological Warfare: Protection, Decontamination, and Disposal 1979-Jun 86 (264)  
PB86-868668/CAW NTIS

## Defibrillators

- Defibrillation and Defibrillators 1970-Aug 86 (143)  
PB86-874260/CAW Ei



## Defoliants

- Chemical and Biological Warfare: Defoliants and Herbicides 1970-Apr 86 (203)  
PB86-862653/CAW NTIS

## Degassing

- Gettering in Semiconductors 1970-Apr 86 (51)  
PB86-863255/CAW PTO
- Intrinsic Gettering 1975-Mar 86 (52)  
PB86-860145/CAW INSPEC
- Steel Refining: Ladle Degassing 1966-Mar 85 (354)  
PB85-856425/CAW METADEX

## Deicers

- \*Deicing Techniques and Equipment Apr 83-Apr 86 (76)  
PB86-865474/CAW NTIS

## Deicing

- Roads and Runways: Snow Removal and Deicing 1970-Aug 86 (199)  
PB86-873833/CAW NTIS

## Delphi method

Delphi Method Used in Forecasting 1970-Aug 85 (232)  
PB85-865491/CAW NTIS

## Densitometers

- \*Densitometers Apr 83-Sep 85 (112)  
PB85-868768/CAW NTIS

## Dental materials

- Biocompatibility of Surgical and Dental Implant Materials 1974-Nov 85 (171)  
PB85-872695/CAW Ei
- Biocompatibility of Surgical and Dental Implant Materials 1970-Apr 86 (217)  
PB86-866860/CAW NTIS
- Ceramic Prosthetic and Implant Devices 1970-May 86 (70)  
PB86-868072/CAW PTO
- Dental Adhesives Jun 70-Jul 86 (173)  
PB86-871431/CAW NTIS
- Dental Materials 1970-Aug 85 (143)  
PB85-865517/CAW PTO
- Dental Prostheses and Implants 1970-Jan 86 (223)  
PB86-856291/CAW PTO
- Metal Surgical and Dental Implants 1969-Feb 86 (326)  
PB86-858933/CAW METADEX
- Plastics and Elastomers: Dental Applications 1973-Oct 85 (237)  
PB85-870491/CAW RAPRA

## Dentistry

Orthopedic Devices 1970-Jul 85 (143)  
PB85-864254/CAW PTO

## Deoxyribonucleic acids

Hybridization Probes 1978-Aug 85 (83)  
PB85-865731/CAW LSC

Recombinant DNA 1970-Jul 85 (49)  
PB85-864189/CAW PTO

## Deposition

- \*Chemical Vapor Deposition Aug 84-Jul 86 (140)  
PB86-871126/CAW NTIS
- Chemical Vapor Deposition for Semiconductor Materials and Devices 1970-Apr 86 (97)  
PB86-862547/CAW PTO
- Electron Beam Evaporated Films 1975-Apr 86 (249)  
PB86-865169/CAW INSPEC
- Electrophoretic Deposition 1970-Nov 86 (114)  
PB87-851382/CAW PTO

- Ionized Cluster Beam Deposition 1976-1986 (57)  
PB87-853214/CAW
- Laser Chemical Vapor Deposition 1978-Apr 86 (126)  
PB86-865102/CAW INSPEC
- Metal-Organic Chemical Vapor Deposition in GaAs Semiconductor Fabrication 1975-May 86 (177)  
PB86-868973/CAW INSPEC
- \*Metallic Film Deposition: Ion Plating Oct 84-Oct 86 (115)  
PB86-876109/CAW METADEX
- Physical Vapor Deposition 1975-Jan 86 (152)  
PB86-856994/CAW INSPEC
- Vacuum Deposition Equipment and Techniques 1972-Aug 86 (204)  
PB86-874302/CAW IAA

## Desalting

- \*Desalination of Water Dec 83-Nov 85 (74)  
PB86-851508/CAW Ei
- Desalination of Water Jun 70-Sep 85 (240)  
PB85-868818/CAW NTIS
- \*Desalination of Water May 82-1984 (165)  
PB85-853281/CAW OCEANIC
- Electrodialysis Desalination 1970-Sep 85 (156)  
PB85-868362/CAW Ei
- \*Osmotic Desalting Membranes Feb 85-Jan 86 (70)  
PB86-857422/CAW Ei
- \*Osmotic Desalting Membranes 1973-Aug 86 (364)  
PB86-873692/CAW NTIS
- Solar Distillation 1970-Apr 86 (247)  
PB86-862364/CAW Ei

## Deserts

Building Design and Construction for Arid Regions 1976-Mar 85 (78)  
PB85-855922/CAW EDB

Desert Management 1970-Jan 85 (79)  
PB85-853604/CAW NTIS

Desertification 1978-Sep 85 (78)  
PB85-868537/CAW LSC

## Design

- Computer Aided Design and Manufacturing: Aerospace May 84-Apr 86 (139)  
PB86-862927/CAW NTIS
- Computer Aided Design and Manufacturing: Mechanical Engineering and Machining May 84-Apr 86 (163)  
PB86-862885/CAW NTIS
- Computer Aided Design and Manufacturing: Naval Architecture 1970-May 86 (202)  
PB86-868031/CAW NTIS
- Computer Aided Design and Manufacturing: Optical Equipment 1970-Jul 86 (95) Excludes electron beam optics  
PB86-872637/CAW NTIS
- \*Computer Aided Design of Microcircuits Dec 85-Nov 86 (272)  
PB87-850897/CAW Ei
- \*Computer Aided Design of Microcircuits 1985-Feb 86 (54)  
PB86-860038/CAW NTIS
- Computer Aided Design: Buildings and Building Systems 1970-Aug 86 (106)  
PB86-873908/CAW NTIS
- Database Design: Excludes Database Management 1983-Jun 86 (170)  
PB86-871746/CAW COM
- Greenhouse Design 1974-Jul 85 (100)  
PB85-863520/CAW NTIS
- Microwave Filter Design 1975-Apr 85 (155)  
PB85-858652/CAW INSPEC

## Desulfurization

Coal Desulfurization 1970-Jul 85 (141)  
PB85-865350/CAW Ei

- \*Desulfurization of Coal and Petroleum Oct 81-1984 (64) Excludes flue gas and other post-combustion sulfur control  
PB85-852945/CAW NTIS
- Desulfurization of Steels: Calcium or Rare Earth Metal Additions 1966-May 85 (334)  
PB85-859262/CAW METADEX
- Flue Gas Desulfurization 1970-Mar 86 (307)  
PB86-861622/CAW Ei

## Detection

- \*Camouflage Oct 84-Apr 86 (51)  
PB86-864279/CAW NTIS
- Ceramic Sensors 1970-Oct 86 (255)  
PB86-876448/CAW PTO
- Chlamydia: Detection Methods 1978-Feb 85 (169)  
PB85-856631/CAW LSC
- Explosives Detection 1970-May 86 (57)  
PB86-869575/CAW Ei
- Fiber Optic Sensors 1977-Jul 86 (337)  
PB86-870607/CAW Ei
- \*Fiber Optic Sensors Jun 85-May 86 (345)  
PB86-865664/CAW INSPEC
- Fiber Optic Sensors 1970-Apr 86 (94)  
PB86-862521/CAW PTO
- Highway Traffic Detectors and Detection 1970-Aug 86 (158)  
PB86-873825/CAW NTIS
- \*Ice and Fog: Detection and Warning Systems Dec 85-Nov 86 (54)  
PB87-850962/CAW NTIS
- Intrusion and Weapon Detection: Crime Prevention 1970-Feb 86 (214)  
PB86-858271/CAW Ei
- Intrusion and Weapon Detection: Crime Prevention 1970-Jan 86 (301)  
PB86-857604/CAW NTIS
- Laser Infrared Radar 1971-Feb 86 (290)  
PB86-858354/CAW SPIN
- \*Light Detection and Ranging (LIDAR) Aug 84-Jul 86 (114) Concerns mainly atmospheric applications  
PB86-871118/CAW NTIS
- LIDAR Remote Sensing and Measurement 1976-Apr 86 (303)  
PB86-866464/CAW INSPEC
- Oxygen Sensors: Applications for Internal Combustion Engines 1970-Nov 85 (148)  
PB86-852365/CAW PTO
- Photodetectors 1970-Apr 85 (107)  
PB85-858264/CAW PTO
- Proximity Sensors and Detectors: Optical, Electromagnetic, and Inductive Techniques 1970-Aug 86 (79)  
PB86-873288/CAW PTO
- Robot Manipulators 1972-Mar 86 (352)  
PB86-863594/CAW IAA
- Robot Sensors 1970-Oct 86 (153)  
PB86-876414/CAW PTO
- Security Devices Feb 78-Jul 86 (301)  
PB86-872132/CAW EDB
- Silicon Pressure Sensors 1970-Oct 86 (82)  
PB87-850707/CAW PTO
- Vibration Detection 1970-Apr 86 (159)  
PB86-865409/CAW PTO

## Detergents

- Detergents Used in the Food Industry 1972-Nov 86 (252)  
PB87-850343/CAW FSTA

## Deuterium fluoride lasers

- \*Hydrogen Fluoride and Deuterium Fluoride Lasers 1976-Jan 86 (254)  
PB86-857802/CAW NTIS



## Developing countries

- Developing Countries: Bioconversion Technology 1979-May 85 (124)  
PB85-861243/CAW EDB
- Developing Countries: Agricultural Economics 1971-Jan 85 (304)  
PB85-854586/CAW NTIS
- Developing Countries: Energy Prospects, Progress, and Problems 1974-May 85 (142)  
PB85-860740/CAW MC
- Developing Countries: Farm Equipment 1973-May 86 (144)  
PB86-867595/CAW NTIS
- \*Developing Countries: Solar Energy 1983-Mar 85 (297)  
PB85-857001/CAW EDB

## Dewatering

- Dewatering of Soils and Excavations 1971-Nov 86 (209)  
PB87-851861/CAW Ei
- Dewatering: Coals and Mines 1970-Jun 85 (84)  
PB85-863041/CAW Ei
- Sludge Dewatering in the Pulp and Paper Industry 1977-Jul 85 (76)  
PB85-863744/CAW SWRA
- Sludge Dewatering: Industrial Wastes and Sewage 1976-Jun 85 (272)  
PB85-862407/CAW EDB
- Sludge Dewatering: Sewage and Industrial Wastes 1978-May 85 (182)  
PB85-860732/CAW POLLUTION
- Sludge Dewatering: Sewage Treatment 1970-Nov 85 (229)  
PB85-872349/CAW Ei

## Diabetes

- Diabetes Testing and Treatment 1970-Jul 85 (150)  
PB85-864635/CAW PTO
- Treatment of Diabetes Complications 1970-Jul 85 (82)  
PB85-864080/CAW PTO

## Diagnosis

- Artificial Intelligence: Medical Applications Jan 86-Dec 86 (132)  
PB87-853289/CAW Ei
- Brucellosis Diagnosis 1978-Aug 85 (162)  
PB85-866184/CAW LSC
- Diabetes Testing and Treatment 1970-Jul 85 (150)  
PB85-864635/CAW PTO
- Grey Scale Imaging and Display 1975-Sep 86 (204)  
PB86-874419/CAW INSPEC

## Diagnostic agents

- Chlamydia: Detection Methods 1978-Feb 85 (169)  
PB85-856631/CAW LSC
- Computer Aided Medical Diagnosis 1970-Apr 86 (306)  
PB86-866720/CAW Ei

## Diagnostic equipment

- Computerized Tomography: Technology and Equipment 1977-Jul 86 (327)  
PB86-870862/CAW INSPEC
- Infrared Imaging Technology: Medical Applications 1975-Nov 86 (129)  
PB87-850384/CAW INSPEC
- Nuclear Magnetic Resonance: Applications in Medical Diagnosis 1977-Jun 86 (339)  
PB86-870219/CAW INSPEC
- Ultrasonic Scanning and Imaging: Medical Applications 1970-1985 (166)  
PB86-854296/CAW PTO

## Diamonds

- \*Diamond Technology Sep 85-Aug 86 (91)  
Excludes semiconducting diamonds  
PB86-872769/CAW Ei

## Diaphragm pumps

- Diaphragm Pumps 1973-Nov 84 (87)  
PB85-850048/CAW BHRA FLUID

## Dielectric

- Dielectric Resonators 1970-Jan 86 (180)  
PB86-855939/CAW Ei

## Dielectric isolation

- Dielectric Isolation Techniques in Electronic Circuits 1971-1986 (104) Covers mainly integrated circuits and semiconductor devices  
PB87-853222/CAW PTO

## Dielectrics

- Dielectric Ceramic Compositions 1970-Apr 86 (121)  
PB86-863198/CAW PTO
- Dielectric Coatings 1980-Oct 86 (81)  
PB86-877222/CAW WSC
- Dielectric Resonators 1975-1985 (262)  
PB86-853884/CAW INSPEC
- Dielectrophoresis 1975-Mar 86 (67)  
PB86-860244/CAW INSPEC
- Electrets 1970-1985 (330)  
PB86-854684/CAW Ei
- Electrets 1970-Mar 85 (132)  
PB85-855823/CAW NTIS
- Treeing of Electrical Insulating Materials 1970-Sep 85 (110)  
PB85-868776/CAW Ei

## Dies

- Forging Dies May 82-Jun 85 (146)  
PB85-862670/CAW METADEX

## Diesel engines

- Diesel Locomotives 1970-Sep 85 (227)  
PB85-868404/CAW Ei

## Dietary fiber

- Dietary Fiber 1978-Oct 86 (88)  
PB86-877453/CAW LSC

## Dietetic foods

- Dietetic Foods: Infant Foods and Therapeutic Products 1974-Sep 85 (223)  
PB85-868693/CAW FSTA
- Low Calorie Foods 1972-Apr 86 (138)  
PB86-866571/CAW FSTA

## Diets

- Dietary Fiber 1972-JUL 86 (98)  
PB86-872496/CAW FSTA
- Dietary Fiber 1978-Oct 86 (88)  
PB86-877453/CAW LSC
- Dietetic Foods: Infant Foods and Therapeutic Products 1974-Sep 85 (223)  
PB85-868693/CAW FSTA
- Effect of Diet on Egg Shells 1972-Feb 86 (173)  
PB86-859253/CAW FSTA

## Differential equations

- Computer Computation: Mathematics Excluding Statistics and Probability Theory Feb 83-Jul 85 (339)  
PB85-865400/CAW NTIS
- Integration of Nonlinear Differential Equations May 82-Feb 86 (111)  
PB86-859873/CAW NTIS
- Intergration of Nonlinear Differential Equations 1970-Apr 82 (313)  
PB86-859865/CAW NTIS

## Diffusers

- Diffuser Design and Analysis 1974-Apr 86 (179)  
PB86-866910/CAW BHRA FLUID

## Diffusion

- Impurity Diffusion in Semiconductors 1975-May 86 (119)  
PB86-868999/CAW INSPEC

## Diffusion bonding

- Diffusion Bonding 1970-Nov 85 (285)  
PB86-851607/CAW NTIS

## Digital filters

- \*Bandpass Filters Oct 84-Jul 86 (51) Excludes optical filters  
PB86-871175/CAW NTIS
- \*Digital Filters: Finite Impulse Response and Infinite Impulse Response Dec 83-Nov 86 (271)  
PB87-850202/CAW INSPEC

## Diodes

- PIN Diodes 1975-Mar 86 (233)  
PB86-859147/CAW INSPEC
- \*Schottky Barrier Devices Apr 84-May 86 (330)  
PB86-867413/CAW Ei

## Disarmament

- \*Arms Control Nov 81-Feb 86 (121)  
PB86-857356/CAW NTIS

## Disasters

- Computer Data Centers: Disaster Planning 1983-Jun 86 (222)  
PB86-871407/CAW COM
- Computer Disasters: Prevention and Recovery 1975-Sep 86 (146)  
PB86-875226/CAW INSPEC
- Disaster Planning 1970-Feb 86 (176)  
PB86-860673/CAW NTIS
- \*Disasters: Effects, Preparedness, Assessment, and Recovery Feb 82-Apr 86 (99) Excludes disasters from nuclear warfare  
PB86-866696/CAW NTIS

## Discrete fourier transform

- Discrete Fourier Analysis Theory and Applications 1970-Jan 86 (275)  
PB86-858149/CAW NTIS

## Diseases

- \*Acquired Immune Deficiency Syndrome Jun 84-Mar 86 (335)  
PB86-861028/CAW LSC
- Antiviral Activity of Interferon 1978-Mar 86 (145)  
PB86-861689/CAW LSC
- \*Coccidiosis Dec 80-Nov 85 (237)  
PB86-851631/CAW LSC
- Leukemia in Children: Therapy 1978-Oct 85 (122)  
PB85-869030/CAW LSC
- Treatment of Diabetes Complications 1970-Jul 85 (82)  
PB85-864080/CAW PTO
- Waterborne Human Diseases 1977-Feb 85 (197)  
PB85-855989/CAW SWRA

## Disinfectants

- Disinfectants Used in the Food Industry 1972-Jul 86 (377)  
PB86-871621/CAW FSTA
- Disinfectants: Chlorine and Chlorine Dioxide 1978-Jan 86 (200)  
PB86-856424/CAW LSC
- Disinfectants: Phenolic Compounds 1978-Nov 85 (143)  
PB86-852225/CAW LSC



- Disinfectants: Quaternary Ammonium Salts 1978-Jun 86 (143)  
PB86-869765/CAW LSC
- Water Treatment: Disinfectants and Antiseptics 1976-Oct 86 (135)  
PB86-876778/CAW EDB

## Disk drives

- Bernoulli Disks 1983-Apr 86 (57)  
PB86-866886/CAW COM
- Magnetic Disk Drives 1970-Sep 86 (238)  
PB86-875598/CAW PTO
- Winchester Disks and Drives 1975-Apr 86 (155)  
PB86-867082/CAW INSPEC

## Dispensing machines

- Coin Operated Vending Machines 1970-Oct 85 (172)  
PB85-871184/CAW PTO
- Dispensing Machines 1970-Sep 85 (188)  
PB85-868586/CAW PTO

## Dispersion hardening

- Oxide Dispersion Strengthening of Alloys 1970-Jan 86 (99)  
PB86-857828/CAW Ei
- Oxide Dispersion Strengthening of Alloys Jun 66-Jan 86 (171)  
PB86-857570/CAW METADEX

## Display systems

- Alphanumeric Displays 1975-Jan 86 (309)  
PB86-856093/CAW INSPEC
- Cathode Ray Tubes: Display Devices 1973-Aug 86 (118)  
PB86-873643/CAW NTIS
- Cathode Ray Tubes: Display Systems Technology 1970-Sep 86 (286)  
PB86-875812/CAW NTIS
- Cathode Ray Tubes: Flight Display Instruments 1970-Oct 85 (139)  
PB85-871275/CAW NTIS
- \*Data Display Devices Aug 84-Oct 85 (95)  
PB85-870756/CAW Ei
- Displays: Dot Matrix 1976-Apr 86 (141)  
PB86-863685/CAW INSPEC
- Electrochromic Devices and Displays 1975-Mar 86 (292)  
PB86-861390/CAW INSPEC
- Electrochromic Displays 1970-1985 (200)  
PB86-853314/CAW PTO
- Electroluminescent Display Devices 1970-Mar 86 (160)  
PB86-861911/CAW NTIS
- Flat Panel Displays 1975-Oct 85 (169)  
PB85-869915/CAW INSPEC
- Flat Panel Displays 1970-Oct 85 (90)  
PB85-871051/CAW PTO
- Head Up Displays 1975-Jul 86 (258)  
PB86-871100/CAW IAA
- Head Up Displays 1970-Sep 85 (224)  
PB85-868784/CAW NTIS
- Head Up Displays 1970-Apr 86 (58)  
PB86-866894/CAW PTO
- Helmet Mounted Displays 1974-Sep 86 (52)  
PB86-875572/CAW IAA
- Helmet Mounted Displays 1970-Aug 86 (130)  
PB86-874864/CAW NTIS
- High Resolution Display Devices 1975-1985 (306)  
PB86-853702/CAW INSPEC
- Home Video Transactions 1975-Feb 86 (164)  
PB86-857455/CAW INSPEC
- Integrated Multisensor Displays Jul 76-Jul 86 (63)  
PB86-871555/CAW INSPEC
- Integrated Multisensor Displays 1970-Jul 86 (90)  
PB86-871332/CAW NTIS

- Intelligent Terminals 1983-Jul 86 (166)  
PB86-872348/CAW COM
- Intelligent Terminals 1975-Jul 86 (101)  
PB86-872389/CAW INSPEC
- \*Interactive Display Devices Sep 84-Sep 86 (151)  
PB86-875770/CAW EDB
- Interactive Display Devices Jun 70-Sep 86 (317)  
PB86-875804/CAW NTIS
- Liquid Crystal Light Valves 1975-May 86 (119)  
PB86-868684/CAW INSPEC
- \*Liquid Crystals Jun 83-Aug 86 (143) Covers both properties and uses  
PB86-873106/CAW NTIS
- Plasma Display Panels 1970-Jun 86 (106)  
PB86-869153/CAW NTIS
- Plasma Display Panels 1970-Sep 86 (155)  
PB86-875267/CAW PTO
- Plotters: Computer Graphics 1975-May 86 (190)  
PB86-867793/CAW INSPEC
- Plotters: Computer Graphics 1970-Oct 85 (177)  
PB85-871002/CAW NTIS
- Smectic Liquid Crystal Display Technology and Devices 1975-Oct 85 (60)  
PB85-871788/CAW INSPEC
- Three-Dimensional Display Systems: Equipment and Applications 1974-May 85 (144)  
PB85-861193/CAW Ei
- Three-Dimensional Display Systems: Equipment and Applications 1972-Apr 86 (186)  
PB86-866191/CAW IAA
- \*Three-Dimensional Display Systems: Equipment and Applications Sep 85-Aug 86 (75)  
PB86-873510/CAW INSPEC
- Three-Dimensional Display Systems: Equipment and Applications 1976-Sep 86 (211)  
PB86-874393/CAW NTIS
- Touch Screens 1983-Jun 86 (158)  
PB86-871944/CAW COM
- Touch Screens 1975-Jul 86 (137)  
PB86-872371/CAW INSPEC
- Vacuum Fluorescent Displays 1975-Nov 86 (71)  
PB87-850665/CAW INSPEC
- Video Display Terminals: Operator Protection and Ergonomics 1983-Apr 86 (150)  
PB86-864840/CAW COM
- Video Display Terminals: Operator Protection and Ergonomics 1982-1986 (92)  
PB87-852752/CAW INSPEC
- Video Display Terminals: Peripheral Equipment 1970-Jan 86 (92)  
PB86-856911/CAW PTO

## Disposable fabrics

- Disposable Fabrics 1970-Jul 85 (86)  
PB85-863694/CAW PTO

## Distance measuring equipment

- Odometers 1970-May 86 (116)  
PB86-869419/CAW PTO

## Distillation

- Solar Distillation 1970-Apr 86 (247)  
PB86-862364/CAW Ei

## Distributed data processing

- Computer Decentralization 1975-May 85 (170)  
PB85-858827/CAW INSPEC
- \*Distributed Data Base Management Systems Oct 84-Sep 86 (158)  
PB86-875507/CAW INSPEC
- \*Distributed Data Processing Nov 81-Sep 85 (348)  
PB85-868859/CAW NTIS
- Distributed Information Systems 1975-Apr 86 (103)  
PB86-866829/CAW INSPEC

## Diving

- Decompression Sickness Physiology 1974-Aug 85 (271)  
PB85-864205/CAW OCEANIC
- Hyperbaric Medicine: Decompression Sickness 1974-Feb 86 (207)  
PB86-860715/CAW OCEANIC
- Underwater Voice Communication Systems 1970-Nov 86 (159)  
PB87-851747/CAW NTIS

## Document storage

- Computer Assisted Retrieval 1975-Jan 86 (85)  
PB86-863875/CAW INSPEC
- Document Retrieval Automation 1975-Nov 85 (295)  
PB86-851904/CAW INSPEC
- \*Records Management 1981-Jan 86 (174)  
PB86-856036/CAW NTIS

## Down hole motors

- Down-Hole Motors and Turbodrills 1978-Feb 86 (137)  
PB86-858842/CAW EDB

## Drag

- \*Airfoils: Drag, Turbulent Flow, and Vibration Reduction Jul 84-Jun 85 (55)  
PB85-863363/CAW ISMEC

## Drawing(Forming)

- Cold Working of Metals Using Deep Drawing Techniques 1973-1985 (156)  
PB86-856432/CAW ISMEC

## Dredging

- Dredging: Biological Effects 1979-May 86 (226)  
PB86-865839/CAW NTIS
- Dredging: Technology and Environmental Aspects 1978-1985 (279)  
PB86-855913/CAW LSC

## Drilling

- Borehole Drilling 1970-Jun 86 (159)  
PB86-869625/CAW PTO
- Down-Hole Motors and Turbodrills 1978-Feb 86 (137)  
PB86-858842/CAW EDB
- \*Geothermal Power: Drilling Technology and Hardware Apr 83-Apr 86 (165)  
PB86-865730/CAW NTIS
- Measurement-While-Drilling 1976-Feb 86 (235)  
PB86-858628/CAW EDB
- \*Petroleum and Gas Recovery: Directional Drilling Sep 84-1985 (124)  
PB86-854205/CAW EDB
- Well Logging Tools and Apparatus 1970-Nov 85 (116)  
PB86-852324/CAW PTO

## Drinking water

- Asbestos in Drinking Water 1977-Nov 85 (118)  
PB85-872075/CAW SWRA
- \*Desalination of Water Dec 83-Nov 85 (74)  
PB86-851508/CAW Ei
- Heavy Metals in Drinking Water: Standards, Sources, and Effects 1978-1986 (68)  
PB87-851960/CAW LSC
- Heavy Metals in Drinking Water: Standards, Sources, and Effects 1970-1986 (89)  
PB87-853321/CAW NTIS
- Heavy Metals in Drinking Water: Standards, Sources, and Effects 1977-1986 (117)  
PB87-852356/CAW SWRA
- Ozonization Used in Water and Sewage Treatment 1970-Nov 86 (275) Includes treatment for drinking water  
PB87-850814/CAW NTIS



- Plumbing and Distribution Systems for Drinking Water 1970-Feb 86 (109)  
PB86-861903/CAW Ei
- Plumbing and Distribution Systems for Drinking Water 1977-Mar 86 (74)  
PB86-861846/CAW SWRA
- Trihalomethanes in Potable Water 1978-Mar 86 (171)  
PB86-862778/CAW SWRA

## Drivers

- Alcohol Breath Analysis 1970-Mar 86 (55)  
PB86-860210/CAW PTO
- \*Drinking Drivers 1979-Mar 86 (305)  
PB86-859220/CAW NTIS  
Driver Behavior Under Abnormal Conditions: Physical Impairment, Drugs, and Gases 1970-Sep 85 (145)  
PB85-868073/CAW NTIS
- Driver Education 1970-1985 (203)  
PB86-854726/CAW NTIS

## Drones

- \*Remotely Piloted Vehicles Nov 75-Apr 86 (349)  
Includes aircraft, drones, and extraterrestrial vehicles  
PB86-862992/CAW NTIS

## Drug abuse

- Drug Abuse 1975-Apr 86 (206)  
PB86-867314/CAW MC

## Drugs

- Adaptive Control Systems: Medical and Pharmaceutical Applications 1975-May 85 (91)  
PB85-862431/CAW INSPEC
- Antidepressant Drugs: Neurobiological Studies 1982-Jan 86 (151)  
PB86-856499/CAW LSC
- Chromatography of Pharmaceuticals Jun 70-Jul 85 (190)  
PB85-865467/CAW NTIS
- Cosmetics: Chemical and Biological Analysis 1978-1983 (214)  
PB85-861060/CAW LSC
- Cosmetics: Chemical and Biological Properties 1984-Apr 86 (200)  
PB86-864980/CAW LSC
- Cyclosporines and Immunosuppression 1978-Oct 83 (157)  
PB86-850963/CAW LSC
- Cyclosporins and Immunosuppression Nov 83-Nov 85 (219)  
PB86-850971/CAW LSC
- Diabetes Testing and Treatment 1970-Jul 85 (150)  
PB85-864635/CAW PTO
- Implantation Devices for Administering Medicines 1970-Oct 86 (110)  
PB86-877230/CAW PTO
- Marijuana, Hashish, and Related Compounds Jun 70-Apr 86 (206)  
PB86-867165/CAW NTIS
- Pharmaceutical Encapsulation 1970-Nov 85 (112)  
PB86-852415/CAW PTO
- \*Pharmaceutical Packaging: Manufacturing and Marketing Information Nov 83-Feb 86 (176)  
PB86-860343/CAW PIRA
- Pharmaceutical Packaging: Plastics and Elastomers 1973-Nov 86 (363)  
PB87-850947/CAW RAPRA
- \*Plastics and Elastomers: Pharmaceutical Applications (Excluding Packaging) Apr 83-Feb 86 (169)  
PB86-858909/CAW RAPRA
- Prodrugs and Derivatives 1970-May 86 (77)  
PB86-867926/CAW PTO
- Sunscreens 1970-May 86 (67)  
PB86-870318/CAW PTO

- Transdermal Drug Release 1970-Apr 86 (55)  
PB86-863214/CAW PTO

## Dry film lubricants

- Graphite in Lubrication 1974-Aug 85 (160)  
PB85-866283/CAW IAA
- Graphite in Lubrication 1970-May 85 (188)  
PB85-860583/CAW NTIS
- Graphite Lubricants Jun 70-Jun 86 (198)  
PB86-869401/CAW Ei
- Molybdenum Disulfide Lubrication Jun 70-Sep 85 (124)  
PB85-868842/CAW Ei
- Solid Lubricants: Graphite, Polymers, Fluorides, and General Studies Feb 82-Nov 86 (139)  
Excludes molybdenum compounds  
PB87-850863/CAW Ei

## Drying

- \*Industrial Heating Technology Aug 83-1985 (66)  
PB86-855202/CAW Ei
- Ink Drying: Radio Frequency and Electron Beam Processes 1976-Mar 86 (146)  
PB86-862679/CAW PIRA
- Microwave Heating: Industrial Applications 1970-Aug 86 (348)  
PB86-873551/CAW Ei
- Spray Drying of Food Products 1972-1985 (324)  
PB86-854841/CAW FSTA
- Storage and Drying of Cereals 1972-1986 (230)  
PB87-853248/CAW FSTA
- UV Curable Inks in Offset Printing 1976-Nov 85 (177)  
PB86-852233/CAW PIRA
- UV Drying of Printing Inks: Pigment Effects 1976-Jun 85 (97)  
PB85-861474/CAW PIRA

## Dust control

- Air Filters: Design, Performance, and Applications Feb 83-Mar 86 (289)  
PB86-858883/CAW EDB
- \*Air Pollution Control Using Particle Filtration Mar 82-Feb 85 (96) Excludes electrostatic precipitator studies  
PB85-855625/CAW NTIS
- Antistatic and Dust Repellent Coatings 1980-Nov 86 (145)  
PB87-850640/CAW WSC

## Dust explosions

- Dust Explosions: Combustible Particles and Control 1970-Nov 85 (208)  
PB86-851284/CAW Ei
- Dust Explosions: Combustible Particles and Controls 1970-Oct 86 (207)  
PB86-877420/CAW NTIS

## Dyeing

- Automatik Control in Textile Dyeing and Finishing 1983-Nov 85 (109)  
PB86-851961/CAW WTA
- Dyes and Dyeing of Textiles Jun 70-Aug 86 (201)  
PB86-873445/CAW NTIS
- Monoazo Dyes for Textiles and Fabrics 1976-Jul 85 (200)  
PB85-865210/CAW WTA

## Dynamic programming

- Dynamic Programming 1976-Apr 86 (191)  
PB86-862562/CAW MC

## Dynamic structural analysis

- Vibrational Analysis of Structures: Computer Applications 1983-Apr 86 (126)  
PB86-864972/CAW IAA

## Early warning systems

- Civil Defense 1976-Nov 85 (343)  
PB86-851342/CAW EDB
- \*Disasters: Effects, Preparedness, Assessment, and Recovery Feb 82-Apr 86 (99) Excludes disasters from nuclear warfare  
PB86-866696/CAW NTIS

## Earth fills

- \*Ground Water Pollution: General Studies Dec 84-Nov 86 (225) Excludes irrigation and pollution from fertilizers and includes superfund program studies  
PB87-851655/CAW NTIS
- Leachate Treatment 1977-Feb 86 (150)  
PB86-858990/CAW SWRA
- \*Sanitary Landfills 1978-Apr 86 (318) Excludes hazardous materials  
PB86-862984/CAW NTIS

## Earthquake engineering

- \*Earthquake Engineering: Buildings, Bridges, Dams, and Related Structures Mar 83-Nov 86 (299)  
PB87-850731/CAW NTIS
- Seismic Studies of Pipelines 1970-Aug 85 (117)  
PB85-866291/CAW NTIS

## Earthquake resistant structures

- Seismic Design for Buildings and Building Codes 1970-Feb 86 (193)  
PB86-861291/CAW NTIS

## Ecology

- Aquatic Population Dynamics 1978-Jul 85 (282)  
PB85-864775/CAW SWRA
- Chemical and Biological Warfare: Defoliants and Herbicides 1970-Apr 86 (203)  
PB86-862653/CAW NTIS
- Dredging: Biological Effects 1979-May 86 (226)  
PB86-865839/CAW NTIS
- Ecology of Freshwater Crustaceans 1978-Aug 85 (196)  
PB85-866242/CAW LSC
- Ecology of Freshwater Molluscs 1980-Aug 85 (109)  
PB85-866663/CAW LSC
- Ecology of Marine Molluscs 1980-Jun 85 (94)  
PB85-861888/CAW LSC
- Ecology of Pesticide Water Pollution 1978-Jul 86 (376)  
PB86-871688/CAW NTIS
- \*Ecosystem Models May 83-Apr 86 (311)  
PB86-868270/CAW NTIS
- Nitrogen Fixation 1977-Sep 85 (135)  
PB85-868412/CAW SWRA
- \*Pesticides: Environmental Transport and Transformation Mar 83-May 86 (92)  
PB86-865250/CAW SWRA
- Wetlands Ecology 1978-Jul 85 (195)  
PB85-864585/CAW LSC

## Econometrics

- Bayesian Theory 1973-May 86 (187) Includes bayesian approaches, methods, and applications to forecasting, econometrics, cost analysis, and market research  
PB86-866597/CAW MC

## Economic development

- Tourism and Vacation Travel: State and Local Government Planning 1970-Feb 85 (181)  
PB85-854917/CAW NTIS

## Economic impact

- Economics of the Food Industry: Energy Aspects 1977-May 85 (252)  
PB85-860955/CAW EDB



## Economic models

- \*Economic Models Jul 84-Oct 85 (132)  
PB85-869154/CAW NTIS

## Economics

- Automobile Industry: Economics, Engineering, and Manufacturing 1970-1986 (242) Excludes vehicle certification applications  
PB87-852505/CAW NTIS
- \*Coal Conversion Economics: Comparative Evaluations Oct 82-Apr 85 (80)  
PB85-858074/CAW EDB
- Developing Countries: Agricultural Economics 1971-Jan 85 (304)  
PB85-854586/CAW NTIS
- \*Fossil-Fuel Power Plants and Power Generation: Economic Analysis 1983-Jun 86 (164)  
PB86-869088/CAW NTIS
- Japanese Technology: Implications on Trade 1970-Apr 86 (163)  
PB86-863180/CAW NTIS
- \*Market Analysis Methods and Techniques 1984-Jan 86 (229)  
PB86-855079/CAW MC
- \*Sewage Treatment Costs and Economics 1979-Jun 86 (322) Covers sewers, sludge disposal, treatment techniques, and entire systems  
PB86-868551/CAW NTIS
- Solar Cell Manufacture: Economic Analysis 1976-Jun 85 (127)  
PB85-863199/CAW EDB
- \*Solid Waste Disposal Economics 1982-Feb 86 (349)  
PB86-857307/CAW NTIS
- \*Telecommunication: Economic Studies 1979-Sep 85 (218)  
PB85-867778/CAW NTIS
- Wood Fuels: Resource Assessment and Economics 1977-Apr 85 (108)  
PB85-858330/CAW EDB

## Eddies

- Ocean Current Eddies 1974-Mar 85 (347)  
PB85-857555/CAW OCEANIC

## Editing

- Technical Writing 1971-Apr 86 (141)  
PB86-862190/CAW Ei

## Education

- Aerial and Space Toys 1970-Jul 85 (179)  
PB85-864106/CAW PTO
- \*Civil Service Jul 80-May 85 (210)  
PB85-858835/CAW MC
- Computer Aided Instruction Jun 70-Oct 86 (345)  
PB86-877263/CAW Ei
- \*Computer Aided Instruction Mar 85-Feb 86 (210)  
PB86-857901/CAW NTIS
- Driver Education 1970-1985 (203)  
PB86-854726/CAW NTIS
- Educational Toys 1970-Jun 85 (136)  
PB85-863207/CAW PTO
- Microcomputers in the School and Classroom 1975-1985 (276)  
PB86-854809/CAW INSPEC
- Microcomputers: Apple Computers in Education 1979-Apr 86 (150)  
PB86-865151/CAW INSPEC
- \*Simulators in Education and Training Jul 82-Mar 86 (376)  
PB86-863479/CAW NTIS

## Eggs

- Effect of Diet on Egg Shells 1972-Feb 86 (173)  
PB86-859253/CAW FSTA

## Elastomers

- Adipate Compounds 1973-Jan 86 (136)  
PB86-857117/CAW RAPRA

Anion Exchange Resins: Structure, Formulation, and Applications 1977-Jul 85 (101)  
PB85-865384/CAW RAPRA

- Antioxidants and Stabilizers for Rubber Jun 70-Aug 86 (186)  
PB86-873544/CAW Ei
- \*Aramid Fibers: Reinforcement for Plastics and Elastomers 1985-1986 (310)  
PB87-852539/CAW RAPRA
- Blowing and Foaming Agents for Polymeric Foams Feb 83-1986 (330)  
PB87-852711/CAW RAPRA
- Boats: Polymers and Polymer Processing 1973-Oct 85 (250)  
PB85-870715/CAW RAPRA
- \*Butadiene-Styrene Copolymers: Properties and Applications Aug 84-Oct 86 (370)  
PB86-877255/CAW RAPRA
- Carbon Black in Elastomers 1970-1985 (248)  
PB86-857273/CAW Ei
- Carbon Black Filled Rubbers 1973-Jan 86 (129)  
PB86-856242/CAW RAPRA
- Cellulose Membrane Products 1970-Feb 86 (137)  
PB86-858321/CAW PTO
- Chloroprene Polymers 1979-May 85 (136)  
PB85-860286/CAW RAPRA
- \*Combustion of Plastics and Elastomers Nov 80-Nov 85 (235)  
PB86-852035/CAW NTIS
- Computer Aided Plastic and Rubber Manufacturing 1973-Jun 86 (293)  
PB86-869807/CAW RAPRA
- Corrosion and Weather Resistant Polyurethane Coatings 1980-Nov 86 (202)  
PB87-850046/CAW WSC
- Crosslinked Polymers 1970-Jul 86 (211)  
PB86-871001/CAW PTO
- Elastomers with Fillers, Modifiers, and Reinforcers 1976-Apr 86 (244)  
PB86-864436/CAW RAPRA
- Elastomers: Adhesives, Coatings, and Insulating Materials 1970-Aug 86 (136)  
PB86-872827/CAW PTO
- Electrically Conductive Polymers 1970-Mar 86 (131)  
PB86-862513/CAW PTO
- Electron Beam Curing of Polymers 1977-1986 (269)  
PB87-851978/CAW RAPRA
- Epoxy Adhesive Compositions 1970-Feb 86 (170)  
PB86-859972/CAW PTO
- Fabric Reinforced Composites 1975-Jun 86 (296)  
PB86-870623/CAW WTA
- Flame Retardant Plastics and Elastomers (Excluding Foams) Oct 83-Sep 86 (318)  
Excludes flame retardant plastic foams  
PB86-875457/CAW RAPRA
- \*Flame Retardant Polymeric Foams: Manufacturing, Applications, and Hazards Jul 84-Aug 86 (116)  
PB86-872447/CAW RAPRA
- Flame Retardant Polymers 1970-Nov 86 (380)  
PB87-851689/CAW PTO
- \*Gas Permeability of Polymers 1985-1986 (177) Water vapor and water permeability of polymers are included in other bibliographies  
PB87-853081/CAW RAPRA
- Guayule Rubber: Cultivation and Manufacture 1977-May 85 (206)  
PB85-861185/CAW RAPRA
- Heat Resistant Polymers 1970-Nov 86 (79)  
PB87-850616/CAW PTO
- High Strength Polymer Composites 1970-May 86 (158)  
PB86-869526/CAW PTO
- \*Hydrophobic Polymers Mar 83-May 86 (214)  
PB86-869450/CAW RAPRA
- Impact Modifiers for Polymers 1970-Nov 86 (137)  
PB87-850624/CAW PTO
- Inflatable Structures and Equipment 1977-Nov 85 (212)  
PB86-850229/CAW RAPRA
- \*Injection Molding Machinery and Accessories Dec 85-Nov 86 (298)  
PB87-851507/CAW RAPRA
- Inorganic Polymers 1976-Oct 86 (148)  
PB86-875929/CAW EDB
- Inorganic Polymers 1970-Nov 86 (290)  
PB87-850632/CAW Ei
- Inorganic Polymers 1970-Apr 86 (159)  
PB86-866944/CAW NTIS
- Machinery for Rubber Processing 1970-Feb 86 (331)  
PB86-860103/CAW Ei
- Metallizing Thermoplastics and Thermosets 1973-1985 (347)  
PB86-853181/CAW RAPRA
- \*Mineral Fillers in Plastics and Elastomers Jun 83-May 86 (272)  
PB86-868577/CAW RAPRA
- Mold Release Agents 1970-Sep 85 (112)  
PB85-867497/CAW PTO
- \*Mold Release Agents for Rubbers and Plastics 1985-1986 (95)  
PB87-852125/CAW RAPRA
- \*Natural and Synthetic Rubbers: Abrasion Resistance Aug 83-Oct 85 (199)  
PB85-871119/CAW RAPRA
- \*Nondestructive Testing: Rubbers and Plastics Nov 83-Oct 85 (128)  
PB85-870061/CAW RAPRA
- Pharmaceutical Packaging: Plastics and Elastomers 1973-Nov 86 (363)  
PB87-850947/CAW RAPRA
- Piezoelectric and Pyroelectric Polymers (Excluding Vinylidene Fluoride Polymers 1975-Oct 86 (237)  
PB86-875945/CAW INSPEC
- \*Plastic and Rubber Materials used in Athletic Equipment 1983-May 86 (237)  
PB86-870003/CAW RAPRA
- Plastics and Elastomers as Moisture Barriers 1973-Nov 86 (225)  
PB87-850491/CAW RAPRA
- \*Plastics and Elastomers as Protective Coatings Feb 85-Jan 86 (61)  
PB86-856549/CAW RAPRA
- \*Plastics and Elastomers: Electrical Conductivity Jan 86-Dec 86 (149) Excludes electromagnetic shielding applications of conductive plastics  
PB87-852653/CAW RAPRA
- Plastics and Elastomers: Electron Beam Irradiation Effects 1977-Oct 86 (286)  
PB86-876166/CAW RAPRA
- \*Plastics and Elastomers: Impact Strength Additives Jul 84-Aug 86 (110)  
PB86-872439/CAW RAPRA
- \*Plastics and Elastomers: Machining Processes and Properties May 85-Mar 86 (55) Excludes molding operations  
PB86-862810/CAW RAPRA
- Plastics and Elastomers: Magnetic Properties 1973-1985 (148)  
PB86-853819/CAW RAPRA
- Plastics and Elastomers: Mechanical Degradation 1973-Feb 86 (186)  
PB86-860954/CAW RAPRA
- Plastics and Elastomers: Military Applications 1977-1986 (300)  
PB87-853099/CAW RAPRA
- Plastics and Elastomers: Mining Applications 1973-Nov 85 (267)  
PB85-872356/CAW RAPRA
- \*Plastics and Elastomers: Nondestructive Testing Jul 83-Nov 85 (177)  
PB86-850211/CAW RAPRA



- Plastics and Elastomers: Offshore Applications 1973-Nov 85 (320)  
PB85-872406/CAW RAPRA
- Plastics and Elastomers: Ozone Degradation 1973-1986 (187)  
PB87-852604/CAW RAPRA
- \*Plastics and Elastomers: Pharmaceutical Applications (Excluding Packaging) Apr 83-Feb 86 (169)  
PB86-858909/CAW RAPRA
- Plastics and Elastomers: Plating Methods 1973-Nov 85 (262)  
PB86-850187/CAW RAPRA
- Plastics and Elastomers: Radiation Crosslinking 1973-Mar 86 (342)  
PB86-862539/CAW RAPRA
- Plastics and Elastomers: Space Applications 1977-1985 (234)  
PB86-855046/CAW RAPRA
- Plastics and Rubbers: Horticultural Applications 1978-1985 (237)  
PB86-856101/CAW RAPRA
- \*Plating on Plastics and Elastomers Nov 83-1985 (309)  
PB86-857133/CAW Ei
- Polyester Polyols 1970-Sep 85 (117)  
PB86-875754/CAW PTO
- Polyether Polyols 1970-Aug 86 (117)  
PB86-872793/CAW PTO
- Polyimide Adhesives 1970-Mar 86 (85)  
PB86-859246/CAW PTO
- Polymer Radiation Curing: Polyolefins and Acrylics 1970-1986 (216)  
PB87-852463/CAW NTIS
- \*Polymeric Gels and Hydrogels Dec 85-Nov 86 (67)  
PB87-851242/CAW Ei
- Polymeric Materials Combustion: Toxicity Hazards and Legal Aspects 1976-Oct 86 (177)  
PB86-875952/CAW RAPRA
- Polymeric Materials: Decomposition and Corrosion Jun 74-Aug 86 (299)  
PB86-873593/CAW IAA
- \*Polymeric Prosthetic Devices Jul 84-Aug 86 (168)  
PB86-872454/CAW RAPRA
- Polymeric Prosthetic Devices and Materials 1970-Jan 86 (189)  
PB86-857166/CAW PTO
- \*Polymeric Roofing Materials Jul 84-Nov 86 (209)  
PB87-851317/CAW RAPRA
- \*Polymeric Sealants Jan 85-Dec 85 (74)  
PB86-855855/CAW RAPRA
- Polyurethane Adhesives 1980-Jan 86 (133)  
PB86-855954/CAW WSC
- \*Polyurethane Resins: Synthesis and Properties 1979-1986 (305) Excludes polyurethane foams  
PB87-852703/CAW NTIS
- Polyurethanes: Curing 1980-Nov 86 (220)  
PB87-850087/CAW WSC
- Prosthetic Devices: Polymeric Materials Utilization 1970-Nov 86 (231)  
PB87-851440/CAW Ei
- Radiation Curable Polymer Coatings 1970-Jun 86 (139)  
PB86-860509/CAW PTO
- \*Radiation Curing of Polymers Dec 83-Nov 86 (324)  
PB87-851457/CAW Ei
- Reaction Injection Molding of Elastomers Jun 70-Oct 86 (293)  
PB86-876992/CAW Ei
- Recycling Rubber Wastes 1973-Feb 86 (185)  
PB86-860970/CAW RAPRA
- Reinforced Natural Rubber and Elastomer Products 1978-Nov 85 (239)  
PB85-872323/CAW RAPRA
- Reverse Osmosis Resins 1975-Mar 86 (186)  
PB86-859030/CAW RAPRA

- Rubber and Plastics Manufacture: Use of Wax Additives 1973-Nov 85 (240)  
PB85-872372/CAW RAPRA
- Rubber to Metal Bonding 1973-1986 (254)  
PB87-852729/CAW RAPRA
- Rubber Based Adhesives 1980-Feb 86 (199)  
PB86-859709/CAW WSC
- Seals and Sealants: Physical Stability 1973-Oct 85 (269)  
PB85-870616/CAW RAPRA
- Silicone Elastomers 1970-Jan 86 (157)  
PB86-855186/CAW PTO
- Silicone Elastomers 1973-Jan 86 (77) Excludes implants and prosthetic devices  
PB86-855673/CAW RAPRA
- \*Silicone Resins: Chemistry 1977-Sep 86 (141)  
PB86-875721/CAW NTIS
- Silicone Rubber Composition 1970-Aug 86 (130)  
PB86-872785/CAW PTO
- Solvent Free Polymeric Coatings 1973-Nov 86 (210) Includes protective, adhesive, and insulative coatings and sealants  
PB87-852638/CAW RAPRA
- Solventless Polymers 1970-May 86 (167)  
PB86-868569/CAW PTO
- Thermoplastic Elastomers: Acrylic and Nylon Based 1977-Sep 85 (168)  
PB85-868008/CAW RAPRA
- Thermoplastic Elastomers: Olefin Resins 1977-May 86 (125)  
PB86-869443/CAW RAPRA
- Thermoplastic Elastomers: Polyester Resins 1977-Nov 86 (252)  
PB87-850426/CAW RAPRA
- Thermoplastic Elastomers: Polyurethane Resins 1977-1985 (222)  
PB86-855863/CAW RAPRA
- Thermoplastic Elastomers: Styrene Resins 1977-Nov 85 (303)  
PB85-871945/CAW RAPRA
- Thermoplastic Interpenetrating Polymer Networks 1973-Jan 86 (54)  
PB86-856721/CAW RAPRA
- Thermoplastics and Elastomers: Melt Flow Indices 1973-Mar 85 (239)  
PB85-857530/CAW RAPRA
- Toy Manufacturing: Plastic and Rubber Materials 1973-Feb 86 (240)  
PB86-860947/CAW RAPRA
- Ultra-High Molecular Weight Polyethylene 1973-Feb 86 (167)  
PB86-857927/CAW RAPRA
- Ultra-High Molecular Weight Polymers 1970-Jan 86 (59)  
PB86-856622/CAW Ei
- Urethane Copolymers 1977-1985 (158)  
PB86-855806/CAW RAPRA
- Water Permeability of Coatings 1980-Feb 86 (105)  
PB86-859758/CAW WSC
- Water Permeability of Polymers 1973-Sep 86 (141)  
PB86-875127/CAW RAPRA
- Water Vapor Permeability of Polymers (Excluding Gas Permeability) 1973-Nov 86 (305)  
PB87-851465/CAW RAPRA

## Electrets

- Electrets 1970-1985 (330)  
PB86-854684/CAW Ei
- Electrets 1970-Mar 85 (132)  
PB85-855823/CAW NTIS

## Electric automobiles

- Electric Automobiles Sep 78-Oct 86 (316)  
PB86-877438/CAW EDB
- Sodium-Sulfur Batteries: Energy storage and Electric Vehicle Applications 1976-Apr 86 (282)  
PB86-863974/CAW EDB

## Electric cables & wire

- Insulating Oils for Transformers and Electrical Cables 1983-Nov 85 (98)  
PB86-851698/CAW Ei
- Insulating Oils for Transformers and Electrical Cables 1970-1982 (353)  
PB86-851680/CAW Ei
- Skin Effect in Electrical Conductors 1975-Nov 85 (225)  
PB85-872141/CAW INSPEC

## Electric connectors

- Solderless Connectors 1970-Oct 86 (115)  
PB86-877412/CAW PTO
- Waterproof Electric Connections 1970-Oct 86 (72)  
PB87-850285/CAW PTO

## Electric contacts

- Ohmic Contacts for Gallium Arsenide Materials and Devices 1975-May 86 (156)  
PB86-867512/CAW INSPEC
- Ohmic Contacts in Group Three Compounds 1970-Aug 86 (90)  
PB86-873072/CAW PTO
- Sliding Contacts: Wear and Lubrication 1970-Nov 85 (220)  
PB87-851333/CAW NTIS

## Electric converters

- \*DC to DC Converters Dec 84-Mar 86 (72)  
PB86-861150/CAW INSPEC

## Electric detonators

- \*Electroexplosive Devices Jun 70-Aug 86 (95)  
PB86-873700/CAW Ei
- Electroexplosive Devices 1970-Apr 86 (225)  
PB86-866241/CAW NTIS

## Electric filters

- Adaptive Filters 1970-Sep 85 (312)  
PB85-867737/CAW NTIS
- \*Bandpass Filters Apr 84-Oct 86 (149)  
PB86-877370/CAW INSPEC
- \*Bandpass Filters Oct 84-Jul 86 (51) Excludes optical filters  
PB86-871175/CAW NTIS
- Charged Coupled Device Filters 1975-1985 (186)  
PB86-854718/CAW INSPEC
- High Pass Filters: Design and Theory 1975-Mar 86 (165)  
PB86-862091/CAW INSPEC
- \*Low Pass Filters: Design and Theory 1984-1985 (193)  
PB86-852530/CAW INSPEC
- Microwave Filter Design 1975-Apr 85 (155)  
PB85-858652/CAW INSPEC
- \*Switched Capacitor Filters Mar 83-1984 (109)  
PB85-851699/CAW INSPEC

## Electric igniters

- Electroexplosive Devices Jun 74-Aug 86 (119)  
PB86-873460/CAW IAA

## Electric message systems

- Electronic Mail Jun 70-1984 (90)  
PB85-852648/CAW NTIS

## Electric motors

- Brushless Motors Jun 70-Mar 86 (172)  
PB86-865532/CAW Ei
- Brushless Motors 1975-Jul 86 (309)  
PB86-872231/CAW INSPEC
- \*Direct Current Motor Control Jul 83-Mar 86 (310)  
PB86-858925/CAW INSPEC



- Homopolar Motors and Generators 1975-Mar 86 (166)  
PB86-861556/CAW INSPEC
- \*Linear Motors: Theory, Analysis, and Modeling Apr 84-May 86 (124) Excludes linear motors for transportation vehicles and systems  
PB86-867538/CAW INSPEC
- Microprocessors Used for Electric Motor Controls and Monitors 1975-Mar 86 (313)  
PB86-860640/CAW INSPEC
- \*Servomotors Nov 83-May 85 (92)  
PB85-861003/CAW Ei
- Stepper Motors Jun 70-1985 (300)  
PB86-855194/CAW Ei
- Stepper Motors Jun 74-Apr 86 (42)  
PB86-864774/CAW IAA
- \*Stepper Motors Mar 84-Feb 85 (84)  
PB85-855195/CAW INSPEC
- Stepping Motor Control 1970-Mar 85 (58)  
PB85-856714/CAW PTO

### Electric power distribution

- \*Electric Power Load Management 1982-Mar 86 (258)  
PB86-861648/CAW NTIS
- Electrical Power Transients 1970-Aug 85 (175)  
PB85-866952/CAW Ei
- \*Peak Load Pricing May 83-Nov 85 (84)  
PB86-852134/CAW EDB
- Power Systems: State Estimation 1970-Nov 86 (184)  
PB87-851630/CAW Ei
- Supervisory Control and Data Acquisition (SCADA) 1977-1986 (100)  
PB87-852893/CAW INSPEC

### Electric power generation

- \*Cogeneration: Economic Analysis 1983-Oct 86 (344)  
PB86-876570/CAW EDB
- Electric Power Generation: Tidal and Wave Power Jun 74-Jan 86 (252)  
PB86-856168/CAW IAA
- Field Monitoring of Condition of Large Electric Generators 1976-Feb 86 (91) Excludes wind turbines and magnetohydrodynamics  
PB86-859584/CAW EDB
- Field Monitoring of Condition of Large Electric Generators 1972-Jan 86 (71) Excludes wind turbines and magnetohydrodynamics  
PB86-859378/CAW Ei
- \*Fossil-Fuel Power Plants and Power Generation: Economic Analysis 1983-Jun 86 (164)  
PB86-869088/CAW NTIS
- Homopolar Motors and Generators 1975-Mar 86 (166)  
PB86-861556/CAW INSPEC
- Small Scale Hydropower Feb 84-Jun 85 (127)  
PB85-862886/CAW EDB
- Small Scale Hydropower 1978-Jan 84 (283)  
PB85-862878/CAW Ei
- Space Nuclear Reactor Electric Power 1976-Jul 86 (127)  
PB86-872306/CAW EDB
- Space Nuclear Reactor Electric Power 1972-Jul 86 (108)  
PB86-872314/CAW IAA
- Superconducting Generators and Alternators 1976-May 86 (337)  
PB86-866639/CAW EDB
- \*Windmill Design, Development, Construction, and Performance Nov 82-Jan 86 (279)  
PB86-856325/CAW BHRA FLUID

### Electric power plants

- Boiler and Steam Generator Corrosion 1970-Jul 86 (342)  
PB86-870979/CAW NTIS
- Electric Power Plants: Protective Coatings and Corrosion Inhibition 1966-May 86 (232)  
PB86-866662/CAW METADEX

- \*Fossil-Fuel Power Plants and Power Generation: Economic Analysis 1983-Jun 86 (164)  
PB86-869088/CAW NTIS
- \*Waste Heat Utilization Nov 82-Jul 85 (257)  
Excludes total energy systems  
PB85-864239/CAW NTIS

### Electric power transmission

- Electrical Power Transients 1970-Aug 85 (175)  
PB85-866952/CAW Ei
- \*Extra High Voltage Power Transmission Oct 83-Mar 85 (60)  
PB85-856185/CAW Ei
- Extra High Voltage Power Transmission 1970-Oct 85 (209)  
PB85-872000/CAW NTIS
- High Voltage Direct Current Network Modeling and Simulation 1975-Mar 86 (139)  
PB86-862869/CAW INSPEC
- \*Microwave Electric Power Transmission Oct 81-Mar 85 (49) Primarily includes transmission from space solar collectors  
PB85-857373/CAW NTIS

### Electric propulsion

- Electric Vehicles 1970-Aug 85 (155)  
PB85-865525/CAW PTO
- Plasma Engines 1970-Sep 85 (192)  
PB85-868867/CAW NTIS

### Electric utilities

- \*Peak Load Pricing May 83-Nov 85 (84)  
PB86-852134/CAW EDB
- \*Public Utility Rate Structures Jul 83-Jun 86 (214)  
PB86-869062/CAW EDB

### Electrical fault location

- Automated Fault Detection and Location 1975-Feb 86 (93)  
PB86-863933/CAW INSPEC
- \*Electrical Fault Location Nov 81-Feb 86 (86)  
PB86-858511/CAW Ei
- Electrical Fault Location 1970-Sep 85 (81)  
PB85-868545/CAW NTIS
- \*Testing of VLSI Circuits Jul 85-Jun 86 (285)  
PB86-869351/CAW INSPEC

### Electrical insulation

- \*Electrical Insulating Materials Jun 83-Nov 85 (150)  
PB86-850310/CAW Ei
- Electrical Insulating Materials Jun 74-Jan 86 (316)  
PB86-857554/CAW IAA
- Electrically Conductive and Insulative Adhesives 1970-Feb 86 (79)  
PB86-860269/CAW PTO
- Electrically Insulating Coatings 1980-Apr 86 (296)  
PB86-866134/CAW WSC
- High Voltage Direct Current Insulators and Insulation Methods 1975-Oct 85 (128)  
PB85-871010/CAW INSPEC
- Reinforced Plastics: Electrical Applications 1973-Feb 86 (274)  
PB86-859964/CAW RAPRA
- Treeing of Electrical Insulating Materials 1970-Sep 85 (110)  
PB85-868776/CAW Ei

### Electrochemical cells

- \*Fuel Cells Aug 85-Jul 86 (72)  
PB86-871027/CAW NTIS

### Electrochemical machining

- Electrochemical Machining 1972-1985 (233)  
PB86-856200/CAW IAA

- Electrochemical Machining and Metal Finishing 1973-Jun 85 (352)  
PB85-862753/CAW ISMEC

- \*Electropolishing 1977-May 86 (260)  
PB86-869971/CAW Ei
- Electropolishing 1970-1985 (150)  
PB86-852506/CAW NTIS

### Electrochemistry

- Battery Electrodes 1975-May 86 (219)  
PB86-865078/CAW INSPEC
- \*Battery Electrodes: Properties and Performance Jul 83-Nov 85 (195)  
PB85-872786/CAW Ei
- \*Battery Electrolytes May 83-Apr 86 (220)  
PB86-864956/CAW Ei
- \*Electrochemical Reactions at Surfaces 1976-May 85 (352)  
PB85-861300/CAW NTIS
- Fuel Cell Electrodes 1970-1985 (167)  
PB86-852456/CAW PTO
- \*Fuel Cells Aug 85-Jul 86 (72)  
PB86-871027/CAW NTIS
- Ion Selective Electrodes 1970-Aug 86 (186)  
PB86-873957/CAW Ei
- Ion Selective Electrodes 1970-Jun 86 (176)  
PB86-869591/CAW NTIS
- Solid Polymer Electrolytes 1976-Jul 86 (83)  
PB86-871753/CAW EDB
- Solid Polymer Electrolytes 1970-Jun 86 (59)  
PB86-870284/CAW PTO
- Thermal Batteries 1970-Feb 86 (140)  
PB86-859162/CAW NTIS

### Electrodeposition

- \*Electrodeposition Jun 81-Jun 86 (316) Includes electroforming  
PB86-869617/CAW NTIS
- Electrodeposition of Alloys 1972-Jan 86 (91)  
PB86-857281/CAW IAA
- Electrodeposition of Alloys 1970-Sep 85 (302)  
PB85-867794/CAW NTIS
- Electrodeposition of Copper Base Alloys 1966-May 86 (140)  
PB86-866415/CAW METADEX
- Electrodeposition of Nickel Base Alloys 1966-Mar 86 (346)  
PB86-860939/CAW METADEX
- Electrodeposition of Precious Metals 1966-Aug 86 (350)  
PB86-873247/CAW METADEX
- \*Electroplating of Chromium Jun 85-May 86 (52)  
PB86-868254/CAW METADEX
- Electroplating of Chromium 1970-Nov 85 (196)  
PB86-851649/CAW NTIS
- Electroplating of Copper 1970-Jan 86 (129)  
PB86-856143/CAW NTIS
- Electroplating of Nickel 1976-Mar 85 (200)  
PB85-856870/CAW EDB
- Electroplating of Nickel 1970-Oct 85 (211)  
PB85-870624/CAW NTIS
- Electroplating Small Parts: Barrel Plating 1966-1985 (184)  
PB86-854080/CAW METADEX
- \*Gold Coatings and Plating Processes Dec 83-Feb 86 (65)  
PB86-858735/CAW NTIS
- \*Tin Plating and Tin Plate Aug 82-Apr 86 (227)  
PB86-865987/CAW Ei

### Electrodes

- Battery Electrodes 1975-May 86 (219)  
PB86-865078/CAW INSPEC
- \*Battery Electrodes: Properties and Performance Jul 83-Nov 85 (195)  
PB85-872786/CAW Ei



- \*Electric Discharge Machining Electrodes: Fabrication and Wear 1983-Feb 86 (78)  
PB86-860806/CAW METADEX
- Fuel Cell Electrodes 1970-1985 (167)  
PB86-852456/CAW PTO
- Ion Selective Electrode Analysis: Food Industry Applications 1972-Apr 86 (87)  
PB86-866555/CAW FSTA
- Microelectrodes for Biomedical Applications 1970-Oct 86 (153)  
PB86-876265/CAW INSPEC

## Electrodialysis

- \*Desalination of Water Dec 83-Nov 85 (74)  
PB86-851508/CAW Ei  
Electrodialysis Desalination 1970-Sep 85 (156)  
PB85-868362/CAW Ei
- \*Waste Treatment by Reverse Osmosis and Membrane Processes: Industrial 1976-Jun 86 (225)  
Excludes desalination of natural waters  
PB86-870706/CAW Ei
- \*Waste Treatment by Reverse Osmosis and Membrane Processing 1978-Sep 86 (268)  
Excludes desalination of natural waters  
PB86-875499/CAW NTIS

## Electroless plating

- \*Electroless Plating Sep 83-Oct 86 (216)  
PB86-876224/CAW Ei
- Electroless Plating 1970-May 86 (113)  
PB86-867769/CAW NTIS
- Electroless Plating of Polymeric Substrates 1970-Jul 86 (95)  
PB86-870987/CAW PTO
- \*Gold Coatings and Plating Processes Dec 83-Feb 86 (65)  
PB86-858735/CAW NTIS

## Electroluminescence

- \*Cathodoluminescence May 84-Jun 85 (51)  
PB85-862522/CAW Ei
- Cathodoluminescence 1970-Jun 86 (97)  
PB86-869658/CAW NTIS

## Electroluminescent panels

- Electroluminescent Display Devices 1970-Mar 86 (160)  
PB86-861911/CAW NTIS

## Electrolysis

- \*Hydrogen Production Sep 84-Sep 85 (89)  
Primarily cites large scale manufacturing techniques  
PB85-868248/CAW NTIS

## Electrolytic polishing

- \*Electropolishing 1977-May 86 (260)  
PB86-869971/CAW Ei
- Electropolishing 1970-1985 (150)  
PB86-852506/CAW NTIS

## Electromagnetic compatibility

- Electromagnetic Interference and Compatibility in Semiconductor Materials and Devices 1975-Oct 86 (83)  
PB86-876281/CAW INSPEC

## Electromagnetic interference

- \*Digital Communication Systems: Interference Jul 83-Jun 86 (141)  
PB86-869179/CAW Ei
- Electromagnetic Interference and Compatibility in Semiconductor Materials and Devices 1975-Oct 86 (83)  
PB86-876281/CAW INSPEC
- Ionospheric and Geomagnetic Radiowave Interference 1975-Nov 85 (223)  
PB86-850138/CAW INSPEC
- Noise Reduction: Electric and Electronic Equipment 1970-Aug 85 (56)  
PB85-867224/CAW PTO

- Phase Noise in Signal Generators, Oscillators, and Synthesizers 1975-Mar 86 (241)  
PB86-861937/CAW INSPEC

## Electromagnetic pulses

- Electromagnetic Pulse (EMP): Phenomena, Simulation, and Hardening 1976-Sep 86 (241)  
PB86-875200/CAW EDB
- Electromagnetic Pulse (EMP): Phenomena, Simulation, and Hardening 1972-May 86 (190)  
PB86-864725/CAW IAA
- Electromagnetic Pulse (EMP): Phenomena, Simulation, and Hardening 1975-Oct 86 (353)  
PB86-875796/CAW INSPEC

## Electromagnetic shielding

- Electromagnetic Shielding 1972-May 86 (306)  
PB86-867652/CAW IAA
- \*Electromagnetic Shielding 1972-Nov 86 (361)  
PB87-851648/CAW NTIS
- Electromagnetic Shielding 1970-Mar 86 (180)  
PB86-861770/CAW PTO
- Electromagnetic Shielding Plastics 1975-Oct 86 (204)  
PB86-875887/CAW INSPEC
- Electromagnetic Shielding Plastics 1978-Nov 86 (321)  
PB87-851788/CAW RAPRA

## Electrometallurgy

- Aluminum Production: The Hall-Heroult Process 1966-Feb 85 (222)  
PB85-855690/CAW METADEX
- Extractive Metallurgy 1970-May 85 (280)  
PB85-860005/CAW Ei

## Electromyography

- Electromyography 1976-May 85 (290)  
PB85-859585/CAW INSPEC

## Electron beam welding

- Electron Beam Welding 1970-Nov 85 (181)  
PB85-872455/CAW PTO
- Electron Beam Welding of Steels and Alloys 1973-May 85 (213)  
PB85-859684/CAW ISMEC

## Electron microscopy

- Scanning Tunneling Microscopy 1975-May 86 (72)  
PB86-867934/CAW INSPEC

## Electron tubes

- Cathode Ray Tubes Jun 70-Jul 86 (350)  
PB86-873635/CAW Ei
- Klystron Tubes 1974-1985 (188)  
PB86-854759/CAW INSPEC

## Electronic countermeasures

- \*Electronic Countermeasures and Electronic Counter Countermeasures Jun 82-Nov 86 (353)  
PB87-850129/CAW NTIS

## Electronic funds transfer

- Electronic Funds Transfer (EFT) 1975-Mar 86 (261)  
PB86-861325/CAW INSPEC

## Electronic message system

- Teleshopping 1983-Jun 86 (264)  
PB86-871779/CAW COM

## Electronic message systems

- \*Electronic Mail: General 1984-Feb 86 (350)  
Excludes office automation, standards, and protocols  
PB86-859451/CAW INSPEC
- Electronic Mail: Office Automation 1975-Feb 86 (163)  
PB86-859352/CAW INSPEC

- Electronic Mail: Standards and Protocols 1977-Feb 86 (126)  
PB86-859337/CAW INSPEC

- Electronic Publishing: Market Aspects 1983-Jul 86 (93)  
PB86-871829/CAW COM

- Voice Mail 1975-May 86 (119)  
PB86-868932/CAW INSPEC

- Voice Mail: Market Aspects 1983-Jun 86 (68)  
PB86-870326/CAW COM

## Electronic packaging

- High Density Packaging: Electronics 1970-Nov 86 (208)  
PB87-851523/CAW NTIS
- Leadless Chip Carriers and Devices 1970-Apr 86 (72)  
PB86-864964/CAW PTO
- Printed Circuits: Packaging Aug 82-Apr 86 (256)  
PB86-862356/CAW Ei
- Semiconductor Packaging 1970-Jan 86 (149)  
PB86-856374/CAW PTO
- Surface Mounting Technology for Electronics Packaging Jan 86-Dec 86 (304)  
PB87-852828/CAW Ei
- \*Surface Mounting Technology for Electronics Packaging Feb 85-Dec 85 (174)  
PB87-852810/CAW INSPEC
- Tape Automated Bonding Techniques in Integrated Circuit Packaging 1975-Apr 86 (70)  
PB86-864782/CAW INSPEC

## Electronic spreadsheets

- Electronic Spreadsheets 1980-Apr 85 (194)  
PB85-857340/CAW INSPEC

## Electrooptics

- Bistable Optical Phenomena, Media, and Devices 1977-1985 (244)  
PB86-854106/CAW SPIN
- Optical Switches in Communication Systems 1975-Jan 86 (55)  
PB86-855905/CAW INSPEC
- Optoelectronics 1972-May 85 (189)  
PB85-861052/CAW SPIN

## Electrophoretic coating

- Electrophoretic Deposition 1970-Nov 86 (114)  
PB87-851382/CAW PTO
- Protective Coatings: Electrophoretic Deposition 1966-Oct 86 (311)  
PB86-876125/CAW METADEX

## Electrophotography

- Electrophotography 1970-Mar 85 (195)  
PB85-855831/CAW Ei
- Lasers in Electrophotographic Imaging and Printing 1975-Mar 86 (92)  
PB86-862737/CAW INSPEC
- Photoconductors in Electrophotography 1975-Nov 85 (303)  
PB86-851763/CAW INSPEC

## Electrophysiological recording

- Biofeedback Training and Instrumentation 1975-Oct 85 (145)  
PB85-869519/CAW INSPEC

## Electrophysiological recordings

- Electromyography 1976-May 85 (290)  
PB85-859585/CAW INSPEC

## Electroplating

- Electrodeposition of Alloys 1972-Jan 86 (91)  
PB86-857281/CAW IAA
- Electrodeposition of Alloys 1970-Sep 85 (302)  
PB85-867794/CAW NTIS
- \*Electroplating of Chromium Jun 85-May 86 (52)  
PB86-868254/CAW METADEX



- Electroplating of Chromium 1970-Nov 85 (196)  
PB86-851649/CAW NTIS
- Electroplating of Copper 1970-Jan 86 (129)  
PB86-856143/CAW NTIS
- Electroplating of Nickel 1976-Mar 85 (200)  
PB85-856870/CAW EDB
- Electroplating of Nickel 1970-Oct 85 (211)  
PB85-870624/CAW NTIS
- Electroplating Small Parts: Barrel Plating 1966-1985 (184)  
PB86-854080/CAW METADEX
- \* Gold Coatings and Plating Processes Dec 83-Feb 86 (65)  
PB86-858735/CAW NTIS
- \* Tin Plating and Tin Plate Aug 82-Apr 86 (227)  
PB86-865987/CAW Ei

## Electropolishing

- \* Electropolishing 1977-May 86 (260)  
PB86-869971/CAW Ei
- Electropolishing 1970-1985 (150)  
PB86-852506/CAW NTIS

## Electroretinography

electroretinography Jul 78-Sep 85 (94)  
PB85-870210/CAW LSC

- \* Electroretinography 1970-Sep 85 (50)  
PB85-869949/CAW NTIS

## Electrostatic coating

Electrostatic Painting 1970-1984 (59)  
PB85-852143/CAW PTO

- Plastic Electrostatic Coatings 1973-May 86 (185)  
PB86-870300/CAW RAPRA

## Electrosurgery

- Electrosurgical Methods and Equipment 1970-Oct 86 (128)  
PB87-850681/CAW PTO

## Electrothermal engines

- Electrothermal Engines and Thrusters 1972-Jun 86 (86)  
PB86-868817/CAW IAA

## Embankments

- Soil Erosion Control: Waterway Embankments 1977-Oct 86 (343)  
PB86-876711/CAW SWRA

## Embrittlement

- \* Hydrogen Embrittlement of Metals Apr 84-Apr 86 (194)  
PB86-862398/CAW Ei
- \* Hydrogen Embrittlement of Metals 1981-Sep 86 (239)  
PB86-874336/CAW NTIS
- Hydrogen Embrittlement: Aluminum and Aluminum Alloys 1973-May 85 (149)  
PB85-859932/CAW IAA

## Emergency planning

- Computer Data Centers: Disaster Planning 1983-Jun 86 (222)  
PB86-871407/CAW COM
- \* Disasters: Effects, Preparedness, Assessment, and Recovery Feb 82-Apr 86 (99) Excludes disasters from nuclear warfare  
PB86-866696/CAW NTIS

## Emission factors

- Air Pollution Emission Factors 1970-Jul 86 (378)  
PB86-871654/CAW NTIS

## Employee health programs

- Occupational Health Services and Employee Health Programs 1970-Feb 86 (167)  
PB86-857810/CAW NTIS

## Employee relations

- Employee Relocation 1974-Jul 86 (145)  
PB86-872462/CAW MC

## Employment

- Employee Ownership of Companies 1974-Jul 86 (225)  
PB86-872587/CAW MC
- Employee Theft 1974-May 86 (115)  
PB86-870102/CAW MC
- Handicapped Persons: Employment Surveys and Statistics 1970-Jan 86 (225)  
PB86-857265/CAW NTIS
- Interview Techniques: An Employment Guide 1974-Jul 86 (222)  
PB86-873387/CAW MC
- \* Job and Industrial Related Productivity Aug 82-Apr 86 (331) Includes productivity studies on industries, of workers, and as related to the economy  
PB86-868163/CAW NTIS
- Outplacement Services 1974-Apr 86 (71) A related bibliography is also available on the topic 'employee terminations'  
PB86-866225/CAW MC
- \* Role of Women in the Workforce Apr 82-Apr 86 (247) Excludes citations pertaining specifically to welfare programs, training of disadvantaged groups, and vocational guidance  
PB86-865482/CAW NTIS

## Emulsifiers

Emulsifiers Used in the Meat Industry: Sausage Emulsions and Emulsifiers 1972-Jan 85 (212)  
PB85-854479/CAW FSTA

## Emulsions

- Microemulsions 1975-Aug 86 (150)  
PB86-874914/CAW INSPEC

## Enamels

- Corrosion Prevention of Steels and Aluminum: Vitreous Enameling 1966-May 86 (230)  
PB86-866738/CAW METADEX

## Encapsulation

- \* Encapsulation of Electronic Circuits 1983-Mar 86 (111)  
PB86-862752/CAW Ei
- \* Encapsulation of Electronic Circuits Aug 82-Nov 86 (199)  
PB87-851077/CAW NTIS
- Epoxy Encapsulants for Electronics 1970-Oct 86 (78)  
PB86-877180/CAW PTO
- Food: Encapsulation 1972-Nov 86 (166)  
PB87-850335/CAW FSTA
- Pharmaceutical Encapsulation 1970-Nov 85 (112)  
PB86-852415/CAW PTO
- \* Semiconductor Device Encapsulation Jul 83-Oct 86 (175)  
PB86-877198/CAW INSPEC

## Energy

Economics of the Food Industry: Energy Aspects 1977-May 85 (252)  
PB85-860955/CAW EDB

- Tort Law: Energy Related Liability 1976-Jan 86 (169) Excludes superfunds and acid rain  
PB86-858891/CAW EDB

## Energy conservation

Aerodynamic Forces on Motor Vehicles 1970-Oct 85 (240)  
PB85-872687/CAW Ei

Aerodynamic Forces on Motor Vehicles 1970-Jul 85 (177)  
PB85-864601/CAW NTIS

- \* Earth Sheltered Constructions Aug 83-Apr 86 (199)  
PB86-865235/CAW EDB
- Energy Conservation in the Food Industry 1974-Oct 85 (295)  
PB85-871234/CAW FSTA
- \* Energy Conservation Technology Feb 83-Oct 85 (149)  
PB85-871689/CAW EDB
- \* Energy Conservation Through Building Design Oct 84-Sep 86 (112)  
PB86-875747/CAW NTIS
- \* Energy Conservation: Industry Feb 83-Nov 85 (134) Excludes waste heat utilization  
PB86-851896/CAW NTIS
- Greenhouse Design 1974-Jul 85 (100)  
PB85-863520/CAW NTIS
- Multifamily Housing Energy Consumption and Conservation 1976-Mar 85 (326)  
PB85-857241/CAW EDB
- Printing and Papermaking: Energy Consumption and Conservation 1976-May 85 (246)  
PB85-860088/CAW PIRA
- Pulpig: Energy Consumption and Conservation 1976-May 85 (163)  
PB85-861151/CAW PIRA
- \* Waste Heat Utilization Nov 82-Jul 85 (257) Excludes total energy systems  
PB85-864239/CAW NTIS
- Waste Heat Utilization 1970-Sep 85 (201)  
PB85-867489/CAW PTO

## Energy consumption

Printing and Papermaking: Energy Consumption and Conservation 1976-May 85 (246)  
PB85-860088/CAW PIRA

Pulpig: Energy Consumption and Conservation 1976-May 85 (163)  
PB85-861151/CAW PIRA

## Energy storage

- Hydrogen Storage: Storage as a Gas or Liquid 1974-Feb 86 (148)  
PB86-857885/CAW NTIS
- Sodium-Sulfur Batteries: Energy storage and Electric Vehicle Applications 1976-Apr 86 (282)  
PB86-863974/CAW EDB
- \* Thermal Energy Storage May 83-Aug 85 (285)  
PB85-868511/CAW NTIS
- Thermal Energy Storage: Glauber's Salt 1976-Apr 86 (154)  
PB86-864733/CAW EDB

## Energy supply and demand

Developing Countries: Energy Prospects, Progress, and Problems 1974-May 85 (142)  
PB85-860740/CAW MC

- Energy Forecasting: Systems Analysis 1976-Aug 86 (278)  
PB86-873478/CAW EDB
- \* Energy Supply and Demand Modeling Feb 85-Jan 86 (72)  
PB86-867158/CAW NTIS

## Engines

- Ceramic Engine Components 1970-Sep 86 (192)  
PB86-875416/CAW PTO
- Ceramics Technology: Aircraft Engine Component Applications 1970-Oct 86 (49)  
PB86-876356/CAW Ei
- Ceramics Technology: Aircraft Engine Component Applications 1970-Oct 86 (61)  
PB86-876364/CAW NTIS
- Ceramics Technology: Automotive Gas Turbine Engine Component Applications 1976-Oct 86 (148)  
PB86-876380/CAW EDB



- Ceramics Technology: Automotive Gas Turbine Engine Component Applications 1976-Oct 86 (83)  
PB86-876372/CAW NTIS
- \*Engine Turbochargers and Superchargers Sep 83-Feb 86 (307)  
PB86-860731/CAW EDB  
Gas Turbine Fuel Controls 1970-Jun 85 (187)  
PB85-861821/CAW PTO  
Helicopter Engines Jun 74-Aug 85 (281)  
PB85-866093/CAW IAA
- Helicopter Engines Jun 70-Jul 86 (350)  
PB86-871233/CAW NTIS  
Internal Combustion Engine Fuel Controls 1970-Jun 85 (167)  
PB85-861839/CAW PTO
- \*Stirling Engines Nov 82-May 85 (165)  
PB85-861284/CAW EDB  
Stirling Engines Jun 74-May 85 (227)  
PB85-860807/CAW IAA
- Two Stroke Engines Jun 70-Nov 86 (153)  
PB87-850293/CAW Ei

### Enhanced oil recovery

- \*Enhanced Oil Recovery by Gas and Steam Injection Sep 85-Aug 86 (109)  
PB86-874039/CAW EDB  
Enhanced Oil Recovery by Polymer Flooding 1970-Aug 85 (355)  
PB85-866671/CAW NTIS
- \*Enhanced Oil Recovery by Waterflooding Sep 82-Feb 86 (241)  
PB86-860764/CAW EDB
- \*Petroleum Recovery: Reservoir Engineering and Recovery Methods Mar 83-Feb 86 (361)  
PB86-858313/CAW Ei

### Entomology

- Insect Control: Research and Development 1970-Feb 86 (207)  
PB86-861259/CAW NTIS  
Insect Control: Testing and Evaluation 1970-Apr 85 (203)  
PB85-859833/CAW NTIS

### Entrepreneurship

- Entrepreneurship and Small Business 1974-Apr 86 (226)  
PB86-866506/CAW MC

### Environmental engineering

- Comfort and Human Factors in Office and Residential Settings 1970-Jul 86 (124)  
PB86-873577/CAW NTIS
- Industrial Noise Control: Architectural and Environmental Aspects 1975-May 86 (276)  
PB86-864337/CAW INSPEC

### Environmental health

- Aerosol Size Distribution and Classification 1973-Aug 86 (146)  
PB86-873809/CAW NTIS
- Asbestos: Chronic Health Effects 1978-Apr 86 (301)  
PB86-866332/CAW LSC
- Cadmium Exposure: Toxicity in Humans 1978-Apr 86 (280)  
PB86-866837/CAW LSC
- Coal Tar Hazards 1976-Feb 86 (207)  
PB86-859691/CAW EDB  
Preventive Medicine: Hazardous Materials Exposure and Public Health 1976-Oct 85 (325)  
PB85-869378/CAW EDB  
Toxicity of Manganese 1970-Jul 85 (190)  
PB85-864593/CAW NTIS
- \*Toxicity of Nickel Jun 83-May 85 (183)  
PB85-861623/CAW EDB
- \*Toxicity of Zinc Jul 85-Jun 86 (48)  
PB86-869328/CAW NTIS

### Environmental impacts

- \*Acid Precipitation Aug 85-Jul 86 (181)  
PB86-871266/CAW POLLUTION
- Air Pollution Emission Factors 1970-Jul 86 (378)  
PB86-871654/CAW NTIS
- Asbestos: Industrial Applications and Precautions 1974-1985 (146)  
PB86-857174/CAW ISMEC  
Chemical Industry: Government Regulations 1976-Nov 85 (121)  
PB85-871838/CAW EDB
- Coal Tar Hazards 1976-Feb 86 (207)  
PB86-859691/CAW EDB
- Dredging: Technology and Environmental Aspects 1978-1985 (279)  
PB86-855913/CAW LSC
- Environmental Impacts: Computer Analysis 1970-Sep 86 (342)  
PB86-874328/CAW NTIS
- Nonreturnable Packaging: The Environmental Debate 1982-Feb 86 (84)  
PB86-861853/CAW PSTA
- \*Offshore Drilling: Environmental Effects 1984-Jun 86 (105)  
PB86-869682/CAW EDB
- Oil Shale Waste Disposal: Environmental Impacts 1976-1985 (286)  
PB86-856820/CAW EDB
- \*Pesticides: Environmental Transport and Transformation Mar 83-May 86 (92)  
PB86-865250/CAW SWRA
- Seafarer: Impacts and Studies of the Extremely Low Frequency Communication System 1970-Feb 86 (191) Includes environmental and biological effects of this global communications system  
PB86-857778/CAW NTIS
- Strip Mining: Impacts on Water Resources 1977-Mar 86 (196)  
PB86-861564/CAW SWRA
- \*Toxicity of Gaseous Halogenated Organic Compounds Mar 83-Jan 86 (279)  
PB86-856929/CAW NTIS  
Toxicity of Halogenated Organic Compounds Nov 81-Feb 83 (231)  
PB85-853612/CAW NTIS
- \*Uranium Mining and Milling Environmental Studies Feb 84-Mar 85 (163)  
PB85-857589/CAW NTIS  
Wood Burning Furnaces: Pollution and Environments 1978-Oct 85 (103)  
PB85-871218/CAW EDB

### Enzymes

- Amyloglucosidase 1972-Feb 86 (56)  
PB86-859857/CAW FSTA
- Enzyme Linked Immunosorbent Assays 1970-Apr 86 (106)  
PB86-865219/CAW PTO
- Fermentation Processes Jun 70-Jun 86 (204)  
PB86-869781/CAW Ei
- Immobilized Enzymes 1970-Apr 86 (105)  
PB86-863941/CAW PTO
- \*Immobilized Microbial Enzyme Systems: Preparation and Properties Oct 83-May 86 (137)  
PB86-867611/CAW LSC

### Epitaxial growth

- Molecular Beam Epitaxy 1970-Jun 86 (62)  
PB86-870110/CAW PTO
- \*Molecular Beam Epitaxy: Principles and Non-Gallium Arsenide Applications Jul 84-Jun 86 (309)  
PB86-869377/CAW INSPEC
- Submicron Technology: Semiconductor Epitaxy 1975-Oct 86 (77)  
PB87-850020/CAW INSPEC

### Epoxy resins

- Epoxy and Polyester Coatings 1970-Oct 86 (158)  
PB87-850244/CAW PTO
- Epoxy Adhesive Compositions 1970-Feb 86 (170)  
PB86-859972/CAW PTO  
Epoxy Coatings (Excluding Erosion) Jun 70-Oct 85 (338)  
PB85-869766/CAW Ei
- Epoxy Coatings: Anticorrosive and Antifouling 1980-Mar 86 (246)  
PB86-861440/CAW WSC
- Epoxy Coatings: Erosion 1970-Apr 86 (147)  
PB86-867090/CAW Ei
- Epoxy Coatings: Erosion 1970-Jun 86 (204)  
PB86-871647/CAW NTIS
- \*Epoxy Coatings: Non-Aerospace Applications May 84-Jul 86 (232)  
PB86-870656/CAW RAPRA
- Epoxy Encapsulants for Electronics 1970-Oct 86 (78)  
PB86-877180/CAW PTO
- Epoxy Resins: Aerospace Applications 1973-1985 (208)  
PB86-853843/CAW RAPRA
- \*Fiber Reinforced Epoxy Composites Dec 85-Nov 86 (88)  
PB87-851291/CAW Ei
- Graphite Fiber Reinforced Epoxy 1973-Oct 86 (373)  
PB86-877305/CAW RAPRA
- \*Plastics and Elastomers: Impact Strength Additives Jul 84-Aug 86 (110)  
PB86-872439/CAW RAPRA  
Polyester and Epoxy Resins: Abrasion Resistance 1977-Oct 85 (256)  
PB85-869907/CAW RAPRA

### Erosion

- Epoxy Coatings: Erosion 1970-Apr 86 (147)  
PB86-867090/CAW Ei
- Epoxy Coatings: Erosion 1970-Jun 86 (204)  
PB86-871647/CAW NTIS
- Gas Turbines: Protective Coatings for Corrosion and Erosion Protection 1970-1986 (268)  
PB87-852133/CAW Ei
- Gas Turbines: Protective Coatings for Corrosion and Erosion Protection 1966-1986 (265)  
PB87-852927/CAW METADEX
- Stream Erosion and Scouring Processes 1970-Aug 86 (124) Excludes sediment transport and runoff erosion studies  
PB86-873817/CAW NTIS

### Erosion control

- Soil Erosion Control: Waterway Embankments 1977-Oct 86 (343)  
PB86-876711/CAW SWRA

### Error correction codes

- \*Error Correction Codes Jul 85-Jun 86 (59)  
PB86-870151/CAW Ei  
Error Correction Codes 1972-Apr 85 (303)  
PB85-858454/CAW IAA
- Error Correction Codes 1970-Feb 86 (248)  
PB86-859139/CAW NTIS
- Error Correction Codes: Coding Techniques 1975-Jun 86 (239)  
PB86-868650/CAW INSPEC
- Error Correction Codes: Communication Systems 1975-Jun 86 (223)  
PB86-869294/CAW INSPEC
- Error Correction Codes: Decoding Techniques 1975-Aug 86 (188)  
PB86-873213/CAW INSPEC



## Error detection codes

- Error Detection Codes Jun 70-1985 (221)  
PB86-856473/CAW Ei
- \*Error Detection Codes Oct 84-Sep 85 (65)  
PB85-868677/CAW IAA
- Error Detection Codes 1975-May 86 (323)  
PB86-867777/CAW INSPEC
- Error Detection Codes 1970-Feb 86 (279)  
PB86-859303/CAW NTIS

## Essential oils

Essential Oils Used in the Food and Beverage Industry 1972-Jul 85 (229)  
PB85-864379/CAW FSTA

## Estuaries

- \*Sewage Effects in Marine and Estuarine Environments 1977-Nov 86 (255)  
PB87-851564/CAW NTIS

## Etching

- Etchants and Developers for Semiconductor Device Manufacturing 1975-Jan 86 (98)  
PB86-856788/CAW INSPEC
- Gallium Arsenide Materials Etching Techniques 1975-Apr 86 (190)  
PB86-866746/CAW INSPEC
- \*Microlithography and Microetching in Semiconductor Device Manufacturing and Processing Nov 85-Oct 86 (97)  
PB86-876943/CAW Ei
- Microlithography and Microetching in Semiconductor Device Manufacturing and Processing 1975-Oct 86 (301)  
PB86-876836/CAW INSPEC
- Plasma Etching in Semiconductor Fabrication 1970-Aug 86 (83)  
PB86-873296/CAW PTO
- Plasma Etching Technology and Applications 1970-Aug 86 (217)  
PB86-872512/CAW SPIN
- \*Reactive Ion Etching and Reactive Sputter Etching Mar 85-Jan 86 (93)  
PB86-857737/CAW INSPEC

## Ethernet

- Ethernet Communication Networks 1978-1986 (155)  
PB87-853156/CAW INSPEC

## Ethylene dibromide

- Ethylene Dibromide: Biochemical Effects and Environmental Concerns 1978-Apr 86 (88)  
PB86-866324/CAW LSC

## Ethylene oxide

- Food Industry: Ethylene Oxide Sterilization 1972-Feb 86 (61)  
PB86-858073/CAW FSTA

## Eutrophication

- Eutrophic Lakes 1978-1985 (194)  
PB86-854411/CAW SWRA
- Eutrophication: Water Quality and Pollution Control 1970-Mar 86 (186)  
PB86-862844/CAW Ei
- Eutrophication: Water Quality and Pollution Control 1978-May 85 (253)  
PB85-860757/CAW POLLUTION
- Nutrient Removal from Lakes, Ponds, and Rivers 1977-Jun 85 (92)  
PB85-863231/CAW SWRA
- \*Sediment-Water Interactions and Their Effects Upon Water Quality 1979-Mar 86 (125)  
Excludes salt water studies  
PB86-859642/CAW NTIS

## Excavation

- Dewatering of Soils and Excavations 1971-Nov 86 (209)  
PB87-851861/CAW Ei
- \*Tunnel Construction Feb 83-Jul 86 (151)  
PB86-870904/CAW Ei

## Excimer lasers

- Excimer Lasers: Applied Research and Commercial Development 1980-Sep 86 (134)  
PB86-874815/CAW SPIN

## Exhaust emissions

- \*Air Pollution Control Equipment: Catalytic Converters 1983-Jun 86 (74)  
PB86-869112/CAW Ei
- Automotive Emission Standards 1970-Apr 86 (251)  
PB86-865276/CAW POLLUTION

## Exhaust systems

- Internal Combustion Engines: Catalytic Converters 1976-1985 (363)  
PB86-856176/CAW EDB
- Internal Combustion Engines: Exhaust Recirculation Systems 1976-Nov 84 (249)  
PB85-851046/CAW EDB

## Exobiology

Zero Gravity and Microgravity Effects in Aerospace Biophysics and Exobiology 1978-May 85 (67)  
PB85-861334/CAW INSPEC

## Expanded plastics

- \*Foamed Plastics: Polyurethane Foams 1979-Mar 86 (205)  
PB86-862182/CAW NTIS
- \*Foamed Plastics: Styrene, Silicone, Epoxy, and Other Polymeric Foams 1979-May 86 (204)  
Excludes urethane and isocyanate polymeric foams  
PB86-868486/CAW NTIS

## Expert systems

- Artificial Intelligence: Manufacturing Industries Jan 86-Dec 86 (155) Artificial intelligence applied to integration of CAD/CAM and industrial robots are covered more comprehensively in other published searches  
PB87-853388/CAW Ei
- Artificial Intelligence: Medical Applications Jan 86-Dec 86 (132)  
PB87-853289/CAW Ei
- Artificial Intelligence: Medical Computers 1975-Jul 86 (323)  
PB86-871522/CAW INSPEC
- \*Expert Computer Systems Feb 85-Jan 86 (400)  
PB86-855244/CAW INSPEC
- Expert Systems Applications 1970-Feb 86 (125)  
PB86-857539/CAW Ei
- Expert Systems: Aerospace Applications 1972-1985 (76)  
PB86-853397/CAW IAA
- Inference Engines 1975-Jun 86 (53)  
PB86-870367/CAW INSPEC
- Knowledge Engineering in Computer Aided Design 1975-Aug 86 (128)  
PB86-873783/CAW INSPEC

## Explosions

- Mine Safety: Fires and Explosions 1970-Sep 86 (353)  
PB86-874252/CAW NTIS

## Explosive forming

- Explosive Compacting of Metal Powders 1966-Jul 86 (210)  
PB86-870532/CAW METADEX

## Explosives

- Aluminized Propellants and Explosives 1970-Apr 86 (208)  
PB86-866217/CAW NTIS
- \*Electroexplosive Devices Jun 70-Aug 86 (95)  
PB86-873700/CAW Ei
- Electroexplosive Devices 1970-Apr 86 (225)  
PB86-866241/CAW NTIS
- Explosives Detection 1970-May 86 (57)  
PB86-869575/CAW Ei
- Hazardous Materials Transportation 1977-Apr 86 (327) Excludes radioactive wastes and materials  
PB86-865268/CAW NTIS
- Plastic Explosive PETN: Pentaerythritol Tetranitrate 1970-Jun 86 (127)  
PB86-870573/CAW NTIS
- Plastic Explosive RDX: Cyclotrimethylenetrinitramine 1970-May 86 (262)  
PB86-870268/CAW NTIS
- \*Protective Clothing: Industrial Environments 1985-Jan 86 (56)  
PB86-858107/CAW NTIS
- Shaped Charges 1970-Jul 86 (91)  
PB86-872397/CAW Ei
- Shaped Charges 1970-Sep 86 (169)  
PB86-875374/CAW PTO

## Exposure suits

- \*Protective Clothing: Survival, Aircraft, and Combat Environments Aug 81-Nov 86 (200)  
PB87-850699/CAW NTIS

## External combustion engines

- \*Stirling Engines Nov 82-May 85 (165)  
PB85-861284/CAW EDB
- Stirling Engines Jun 74-May 85 (227)  
PB85-860807/CAW IAA

## Extra high voltage

- \*Extra High Voltage Power Transmission Oct 83-Mar 85 (60)  
PB85-856185/CAW Ei
- Extra High Voltage Power Transmission 1970-Oct 85 (209)  
PB85-872000/CAW NTIS

## Extractive metallurgy

- Aluminum Production: The Hall-Heroult Process 1966-Feb 85 (222)  
PB85-855690/CAW METADEX
- Extractive Metallurgy 1970-May 85 (280)  
PB85-860005/CAW Ei
- \*Gold Ore Treatment Jan 86-Dec 86 (77)  
PB87-851937/CAW Ei
- Hydrometallurgy Techniques and Processes 1970-Jun 85 (293)  
PB85-863652/CAW Ei

## Extremely low frequency

- Seafarer: Impacts and Studies of the Extremely Low Frequency Communication System 1970-Feb 86 (191) Includes environmental and biological effects of this global communications system  
PB86-857778/CAW NTIS

## Extruding

- Backward Extrusion Oct 78-Nov 85 (103)  
PB86-851862/CAW METADEX
- Coextrusion of Plastics 1970-Nov 85 (142)  
PB86-852357/CAW PTO
- Extrusion of High Density Polyethylenes Jul 84-Nov 85 (104)  
PB86-850161/CAW RAPRA
- Extrusion of High Density Polyethylenes 1973-Jun 84 (348)  
PB86-850153/CAW RAPRA



Extrusion of Polypropylenes 1973-Jul 85 (190)  
PB85-865368/CAW RAPRA

- Extrusion Blow Molding of Thermoplastics 1973-Apr 86 (248)  
PB86-865748/CAW RAPRA
- Food processing: Hot Temperature Short Time Extrusion 1972-Aug 86 (73)  
PB86-874153/CAW FSTA
- \*Plastics Extrusion Mar 83-Mar 85 (196)  
PB85-856490/CAW Ei
- Twin-Screw Extruders 1973-Nov 85 (260)  
PB85-872307/CAW RAPRA

## Eye(Anatomy)

electroretinography Jul 78-Sep 85 (94)  
PB85-870210/CAW LSC

- \*Electroretinography 1970-Sep 85 (50)  
PB85-869949/CAW NTIS

Eye Safety: Irritants, Exposure Effects, and Protective Devices 1976-Oct 85 (250)  
PB85-869345/CAW EDB

Eye Safety: Irritants, Exposure Effects, and Protective Devices 1975-Jun 85 (127)  
PB85-862779/CAW INSPEC

- Eye Safety: Irritants, Exposure Effects, and Protective Devices 1970-Mar 86 (359)  
PB86-863057/CAW NTIS

## Fabrication

- Investment Casting 1970-May 86 (194)  
PB86-865870/CAW Ei
- \*Laser Welding Feb 82-Nov 86 (210)  
PB87-850871/CAW Ei
- Laser Welding 1970-Sep 85 (88)  
PB85-867471/CAW PTO
- \*Printed Circuits: Manufacturing Jul 85-Jun 86 (128) Specific tests of printed circuits are covered in another published search  
PB86-870037/CAW Ei

## Fabrics

- Antistatics in Textiles and Fabrics 1970-Aug 86 (150)  
PB86-873064/CAW PTO
- Color Measurement in the Textile Industry 1977-Nov 85 (216)  
PB86-852183/CAW WTA
- Disposable Fabrics 1970-Jul 85 (86)  
PB85-863694/CAW PTO
- Fabric Acoustic Insulation: Manufacture and Applications 1978-Apr 86 (189)  
PB86-867272/CAW WTA
- Fire Resistant Fabrics 1975-Feb 86 (119)  
PB86-858651/CAW WTA
- Industrial Fabrics 1975-Feb 86 (248)  
PB86-859881/CAW WTA
- Inflatable Fabrics 1975-Feb 86 (73)  
PB86-860665/CAW WTA
- Monoazo Dyes for Textiles and Fabrics 1976-Jul 85 (200)  
PB85-865210/CAW WTA
- Nylon Fibers and Fabrics 1970-Jun 85 (157)  
PB85-863298/CAW NTIS
- Parachute Systems 1970-Feb 86 (171)  
PB86-861374/CAW Ei
- \*Parachutes and Parachuting (Excluding Space Vehicles) Jul 84-Aug 86 (92)  
PB86-873221/CAW IAA
- Permanent Press Fabrics 1978-Sep 86 (265)  
PB86-876067/CAW WTA
- Stain Removal 1975-Feb 86 (118)  
PB86-858644/CAW WTA
- Textile Marketing 1983-Feb 86 (124)  
PB86-859428/CAW WTA
- Three Dimensional Pattern Effects for Textiles and Fabrics 1975-Jul 85 (120)  
PB85-865202/CAW WTA

## Facsimile communication

- \*Facsimile Communication 1984-Apr 86 (142)  
PB86-862463/CAW INSPEC
- Facsimile Communication Jun 70-Jul 86 (208)  
PB86-872165/CAW NTIS
- Facsimile Transmission 1976-May 86 (287)  
PB86-867892/CAW PIRA

## Failure analysis

- Integrated Circuit Failure Modes 1974-Mar 86 (182)  
PB86-863727/CAW IAA
- \*Integrated Circuits Reliability Apr 76-Aug 86 (315)  
PB86-872975/CAW NTIS
- \*Integrated Circuits: Reliability Feb 84-Mar 85 (149)  
PB85-857159/CAW EDB
- Lubricating Oil Analysis for Wear Monitoring 1970-Apr 86 (81)  
PB86-866266/CAW NTIS
- \*Reliability: Mathematical Techniques Jun 77-Apr 86 (280) Restricted to mathematical studies  
PB86-864618/CAW NTIS

## Farm crops

- Agricultural Machines: Tillage, Planters, and Seeders 1970-Nov 85 (133)  
PB86-851987/CAW Ei
- Crop Production: Agronomy and Horticulture 1984-Mar 85 (109)  
PB85-857407/CAW FEDRIP
- Farm Crops in Arid and Semiarid Regions 1976-Nov 84 (130)  
PB85-851160/CAW SWRA
- Genetic Engineering: Plants, Bacteria, Livestock 1984-Mar 85 (95)  
PB85-857431/CAW FEDRIP
- Solar Drying of Crops 1976-Oct 85 (151)  
PB85-869352/CAW EDB
- Solar Drying of Crops and Food 1972-Oct 86 (135)  
PB86-877446/CAW FSTA

## Farms

Arid and Semiarid Land Agriculture 1975-Oct 85 (51)  
PB85-869576/CAW NTIS

- Computers in Farm Management 1975-1985 (53)  
PB86-853850/CAW INSPEC

## Fast foods

- Fast Food Industry 1972-Mar 86 (133)  
PB86-862075/CAW FSTA

## Fast Fourier transform

- Fast Fourier Transform Processors 1975-Sep 86 (71)  
PB86-874807/CAW INSPEC
- \*Fast Fourier Transform: Applications 1982-Sep 86 (206)  
PB86-875481/CAW NTIS

## Fasteners

- Zip Fasteners: Zippers 1978-Sep 86 (273)  
PB86-875473/CAW WTA

## Fatigue tests

- Metal Fatigue Testing: Techniques and Equipment 1966-Jun 86 (350)  
PB86-870177/CAW METADEX
- Metal Matrix Composites: Fatigue and Fracture Testing 1972-Aug 86 (132)  
PB86-874708/CAW IAA
- Metal Matrix Composites: Fatigue and Fracture Testing 1968-Sep 86 (70)  
PB86-874484/CAW METADEX

Nondestructive Ultrasonic Stress Analysis 1966-Oct 85 (187)

PB85-869337/CAW METADEX

## Fatigue(Biology)

Driver Behavior Under Abnormal Conditions: Physical Impairment, Drugs, and Gases 1970-Sep 85 (145)  
PB85-868073/CAW NTIS

## Fault location

- Automated Fault Detection and Location 1975-Feb 86 (93)  
PB86-863933/CAW INSPEC
- \*Electrical Fault Location Nov 81-Feb 86 (86)  
PB86-858511/CAW Ei
- Electrical Fault Location 1970-Sep 85 (81)  
PB85-868545/CAW NTIS

## Fault tolerant computing

- Fault Tolerant Computers and Multiprocessing 1975-May 86 (146)  
PB86-868676/CAW INSPEC

## Feedback control

Adaptive Control Systems: Medical and Pharmaceutical Applications 1975-May 85 (91)  
PB85-862431/CAW INSPEC

- \*Control Theory 1985-1986 (240)  
PB87-852059/CAW NTIS

## Feedlot wastes

Animal Waste Pollution, Treatment, and Regulations 1977-Jun 85 (314)  
PB85-863439/CAW SWRA

## Females

- \*Role of Women in the Workforce Apr 82-Apr 86 (247) Excludes citations pertaining specifically to welfare programs, training of disadvantaged groups, and vocational guidance  
PB86-865482/CAW NTIS
- Women as Consumers and Providers of Health Care 1970-Feb 86 (181)  
PB86-857844/CAW NTIS

## Fermentation

- Fermentation Processes Jun 70-Jun 86 (204)  
PB86-869781/CAW Ei
- \*Fermentation Processes: Alcohol Fuels Jul 83-May 86 (295)  
PB86-866704/CAW EDB

## Ferrites

- Ceramic Ferrite Materials 1975-Aug 86 (64)  
PB86-873320/CAW INSPEC
- \*Phase Shifters 1978-May 86 (173)  
PB86-868585/CAW Ei
- \*Phase Shifters Aug 81-Oct 85 (136)  
PB85-870590/CAW NTIS

## Ferroelectricity

- Dielectrophoresis 1975-Mar 86 (67)  
PB86-860244/CAW INSPEC
- Ferroelectric and Optical Ceramics 1971-May 86 (111)  
PB86-864576/CAW SPIN

## Ferrofluids

- Ferrofluids 1970-May 86 (174)  
PB86-867819/CAW Ei
- \*Ferrofluids Dec 84-Nov 86 (127)  
PB87-850210/CAW INSPEC
- Ferrofluids 1970-Mar 86 (76)  
PB86-861101/CAW PTO



## Fertilizers

- Municipal Sewage Sludge as Fertilizer 1970-May 86 (132)  
PB86-868866/CAW NTIS

## Fetal monitoring

- Fetal and Infant Monitoring Applications 1974-Apr 86 (132)  
PB86-863586/CAW Ei

## Fiber composites

- Filament Winding Methods and Equipment 1970-Jan 86 (126)  
PB86-856804/CAW PTO

## Fiber optics

- Connectors for Fiber Optics 1970-Aug 86 (244)  
PB86-872728/CAW Ei
- \*Connectors for Fiber Optics Sep 83-Nov 86 (333)  
PB87-851168/CAW INSPEC
- Fiber Optic Communication Systems and Equipment 1975-Oct 86 (346)  
PB86-876844/CAW INSPEC
- Fiber Optic Local Area Networks 1975-Jul 86 (145)  
PB86-871902/CAW INSPEC
- Fiber Optic Multiplexing 1975-1986 (102)  
PB87-853362/CAW Ei
- Fiber Optic Sensors 1977-Jul 86 (337)  
PB86-870607/CAW Ei
- \*Fiber Optic Sensors Jun 85-May 86 (345)  
PB86-865664/CAW INSPEC
- Fiber Optic Sensors 1970-Apr 86 (94)  
PB86-862521/CAW PTO
- \*Fiber Optics Feb 82-Aug 86 (325) Excludes citations specifically on optical communications  
PB86-872843/CAW NTIS
- Monomode Optical Fibers 1975-Oct 85 (235)  
PB85-870368/CAW INSPEC
- Optical Data Bus Networks 1975-Jul 86 (155)  
PB86-870516/CAW INSPEC
- Polarization-Maintaining Optical Fibers 1975-1986 (66)  
PB87-852281/CAW INSPEC

## Fiberboards

- Fiberboard Packaging 1982-Aug 86 (129)  
PB86-874609/CAW PSTA

## Fiberglass reinforced plastics

- Fiberglass Blistering 1973-Jan 86 (52)  
PB86-855889/CAW RAPRA
- Fiberglass Reinforced Plastics 1977-Nov 85 (263)  
PB86-851805/CAW NTIS
- Glass Fiber Reinforced Plastics: Agricultural Applications 1973-Oct 86 (120) Excludes roofing materials and buildings applications; includes greenhouse structural supports  
PB87-850327/CAW RAPRA
- Glass Fiber Reinforced Plastics: Building and Agricultural Applications 1975-Oct 85 (133) This report has been updated and split into 2 separate titles - one for building applications, the other for agricultural applications  
PB85-870681/CAW RAPRA
- Glass Fiber Reinforced Plastics: Building Applications 1973-Nov 86 (350) Excludes roofing materials and agricultural applications  
PB87-850921/CAW RAPRA
- Glass Fiber Reinforced Plastics: Chemically Resistant Applications 1977-Oct 85 (109)  
PB85-870475/CAW RAPRA
- Glass Fiber Reinforced Plastics: Fracture Mechanics 1975-Jul 86 (293)  
PB86-871282/CAW INSPEC

## Fibers

- Aramid Fibers 1970-Nov 86 (108)  
PB87-851838/CAW PTO
- \*Aramid Fibers: Reinforcement for Plastics and Elastomers 1985-1986 (310)  
PB87-852539/CAW RAPRA
- Blending Machines for Natural and Synthetic Fibers 1975-Apr 86 (175)  
PB86-864931/CAW WTA
- Bonding of Glass Fibers 1970-Sep 86 (75)  
PB86-875846/CAW Ei
- Boron, Metal, and Aramid Fiber Reinforced Plastics 1973-Nov 86 (194)  
PB87-850541/CAW RAPRA
- \*Carbon and Graphite: Carbon and Graphite Fibers and Fiber Composites Jun 83-Apr 86 (387)  
PB86-868197/CAW NTIS
- Ceramic Fibers as Reinforcing Material 1970-Jun 86 (99) Excludes glass fibers  
PB86-871324/CAW NTIS
- Dietary Fiber 1972-JUL 86 (98)  
PB86-872496/CAW FSTA
- Dietary Fiber 1978-Oct 86 (88)  
PB86-877453/CAW LSC
- Fiber Length Measuring 1978-Nov 85 (151)  
PB85-871614/CAW WTA
- Fiber Reinforced Aluminum Composites 1970-Nov 86 (226)  
PB87-851424/CAW Ei
- Fiber Reinforced Composite Laminates 1970-Nov 86 (352)  
PB87-850509/CAW NTIS
- \*Fiber Reinforced Composite Laminates May 84-Mar 86 (248)  
PB86-862430/CAW RAPRA
- Fiber Reinforced Composites 1970-Jan 86 (204)  
PB86-856762/CAW PTO
- Fiber Reinforced Composites (Excluding Epoxies and Polyesters) 1970-Oct 86 (236)  
PB86-876984/CAW Ei
- Fiber Reinforced Composites: Physical Properties 1970-Nov 86 (198) Excludes fiber reinforced plastics, fiber reinforced laminates, and glass fiber reinforcements  
PB87-851309/CAW NTIS
- Fiber Reinforced Composites: Technology and Evaluation 1970-Nov 86 (321) Excludes fiber reinforced plastics, fiber reinforced laminates, and glass fiber reinforcements  
PB87-851119/CAW NTIS
- \*Fiber Reinforced Epoxy Composites Dec 85-Nov 86 (88)  
PB87-851291/CAW Ei
- Fiber Reinforced Metal Composites (Excluding Aluminum) 1970-Nov 86 (219)  
PB87-851259/CAW Ei
- Fiber Reinforced Polyester Composites 1972-Oct 84 (106)  
PB85-851038/CAW Ei
- Fibers and Textiles: Fire Resistance Dec 79-1986 (242) Includes fiber preparation and additives, standards, textile burning studies, and consumer aspects  
PB87-852208/CAW Ei
- Fibers Used in Osmosis 1978-Apr 86 (67)  
PB86-866928/CAW WTA
- High Strength Fibers 1978-May 86 (112)  
PB86-870359/CAW WTA
- Nylon Fibers and Fabrics 1970-Jun 85 (157)  
PB85-863298/CAW NTIS
- Products from Cellulose Fibers (Excluding Textiles and Membranes) 1970-Feb 86 (246)  
PB86-858362/CAW PTO
- \*Toxicity of Fibers Jul 83-Oct 86 (389)  
PB87-850236/CAW EDB
- Toxicity of Fibers and Fiber Composites 1970-Jul 86 (327)  
PB86-870664/CAW NTIS

## Fillers

- Elastomers with Fillers, Modifiers, and Reinforcers 1976-Apr 86 (244)  
PB86-864436/CAW RAPRA
- \*Fillers for Plastics Feb 85-Jan 86 (48)  
PB86-857190/CAW Ei
- Fillers Used in Papermaking 1976-Apr 86 (263)  
PB86-866472/CAW PIRA
- Microsphere Fillers 1973-Aug 86 (99)  
PB86-873049/CAW RAPRA
- \*Mineral Fillers in Plastics and Elastomers Jun 83-May 86 (272)  
PB86-868577/CAW RAPRA

## Films

- Amorphous Polymeric Films 1973-Nov 85 (216)  
PB86-852258/CAW RAPRA
- Amorphous Silicon Thin Films 1970-Jun 85 (352)  
PB85-861938/CAW Ei
- Blown Films 1970-May 86 (57)  
PB86-868502/CAW PTO
- Diamond-Like Carbon Films 1975-Apr 86 (62)  
PB86-863669/CAW INSPEC
- Electron Beam Evaporated Films 1975-Apr 86 (249)  
PB86-865169/CAW INSPEC
- Graphite in Lubrication 1974-Aug 85 (160)  
PB85-866283/CAW IAA
- Graphite in Lubrication 1970-May 85 (188)  
PB85-860583/CAW NTIS
- Graphite Lubricants Jun 70-Jun 86 (198)  
PB86-869401/CAW Ei
- Ionized Cluster Beam Deposition 1976-1986 (57)  
PB87-853214/CAW
- Laser Machining of Thin Metal Films and Refractory Materials 1966-Apr 86 (174)  
PB86-863958/CAW METADEX
- Magnetostriction: Thin Films and Metallic Glasses 1975-1985 (211)  
PB86-852936/CAW INSPEC
- \*Metallic Film Deposition: Ion Plating Oct 84-Oct 86 (115)  
PB86-876109/CAW METADEX
- Metallized Films 1970-Jan 86 (72)  
PB86-855665/CAW PTO
- Molybdenum Disulfide Lubrication Jun 70-Sep 85 (124)  
PB85-868842/CAW Ei
- Multilayer Plastic Films 1970-Aug 86 (121)  
PB86-873379/CAW PTO
- Oriented Films in Packaging 1982-Jun 86 (55) Emphasizes food packaging applications  
PB86-871159/CAW PSTA
- Oriented Polypropylene Films in Packaging 1973-Jun 86 (145) Emphasizes food packaging applications  
PB86-871274/CAW RAPRA
- Plastic Films in Packaging 1982-1986 (169)  
PB87-852380/CAW PSTA
- Solid Lubricants: Graphite, Polymers, Fluorides, and General Studies Feb 82-Nov 86 (139) Excludes molybdenum compounds  
PB87-850863/CAW Ei
- Stretchwrap and Shrinkwrap Films 1973-Apr 86 (196)  
PB86-864469/CAW RAPRA
- Thick Film Compositions and Devices 1970-May 86 (167) Refers mainly to electronic components  
PB86-868775/CAW PTO
- \*Thick Films 1983-Feb 86 (298) Includes electronic applications  
PB86-860079/CAW Ei
- \*Thick Films May 83-May 85 (64) Electronics applications  
PB85-860823/CAW NTIS



- Thick Films: Electronic Applications 1974-Jun 86 (266)  
PB86-869567/CAW IAA

## Filters

- \*Air Pollution Control Using Particle Filtration Mar 82-Feb 85 (96) Excludes electrostatic precipitator studies  
PB85-855625/CAW NTIS
- \*Bandpass Filters Apr 84-Oct 86 (149)  
PB86-877370/CAW INSPEC
- \*Bandpass Filters Oct 84-Jul 86 (51) Excludes optical filters  
PB86-871175/CAW NTIS
- Ceramic/Metallic Filters 1970-Nov 85 (76)  
PB85-872380/CAW Ei
- \*Digital Filters: Finite Impulse Response and Infinite Impulse Response Dec 83-Nov 86 (271)  
PB87-850202/CAW INSPEC
- High Pass Filters: Design and Theory 1975-Mar 86 (165)  
PB86-862091/CAW INSPEC
- Hydraulic Fluids: Filters 1974-Apr 85 (253)  
PB85-860526/CAW BHRA FLUID
- Infusion Methods, Apparatus, and Bags For Coffee and Tea 1972-Apr 86 (80)  
PB86-867264/CAW FSTA
- \*Low Pass Filters: Design and Theory 1984-1985 (193)  
PB86-852530/CAW INSPEC
- Microporous Filters 1970-1985 (88)  
PB86-853686/CAW PTO
- Microwave Filter Design 1975-Apr 85 (155)  
PB85-858652/CAW INSPEC
- Polymeric Filters and Their Applications 1973-Aug 85 (127)  
PB85-866903/CAW RAPRA
- \*Switched Capacitor Filters Mar 83-1984 (109)  
PB85-851699/CAW INSPEC

## Filtration

- Filtration and Flocculation in Industrial Processes 1973-Aug 85 (200)  
PB85-866457/CAW BHRA FLUID
- Polymeric Filters and Their Applications 1973-Aug 85 (127)  
PB85-866903/CAW RAPRA
- Sand Filtration 1970-Feb 86 (103)  
PB86-858982/CAW POLLUTION

## Financial Management

- Financial Management: Computer Applications 1970-Jun 85 (115)  
PB85-863124/CAW NTIS
- \*Portfolio Management May 83-Apr 86 (324)  
PB86-866209/CAW MC
- \*Small Businesses: Financial and Technical Assistance Jun 84-Apr 86 (53)  
PB86-863560/CAW NTIS

## Financing

- \*Small Businesses: Financial and Technical Assistance Jun 83-Jan 86 (282)  
PB86-856648/CAW MC

## Finite element analysis

- Finite Element Analysis: Computerized, Three Dimensional 1976-Sep 85 (257) Relates largely to energy facilities and equipment  
PB85-868024/CAW EDB
- Finite Element Analysis: Computerized, Two-Dimensional 1972-Oct 85 (362)  
PB85-869873/CAW IAA
- Foundation Engineering: Finite Element Analysis 1970-Nov 84 (224)  
PB85-850469/CAW Ei

## Finite state machines

- Automata Theory 1970-Apr 86 (282)  
PB86-868023/CAW NTIS

## Fire resistant materials

- Fibers and Textiles: Fire Resistance Dec 79-1986 (242) Includes fiber preparation and additives, standards, textile burning studies, and consumer aspects  
PB87-852208/CAW Ei
- \*Fillers for Plastics Feb 85-Jan 86 (48)  
PB86-857190/CAW Ei
- Fire Resistant Fabrics 1975-Feb 86 (119)  
PB86-858651/CAW WTA
- Fire Retardants for Wood and Paper 1970-Jan 86 (102)  
PB86-855533/CAW PTO
- Fire Retarding Coatings 1980-Nov 85 (232)  
PB86-852167/CAW WSC
- Flame Retardant Plastics and Elastomers (Excluding Foams) Oct 83-Sep 86 (318) Excludes flame retardant plastic foams  
PB86-875457/CAW RAPRA
- \*Flame Retardant Polymeric Foams: Manufacturing, Applications, and Hazards Jul 84-Aug 86 (116)  
PB86-872447/CAW RAPRA
- Flame Retardant Polymers 1970-Nov 86 (380)  
PB87-851689/CAW PTO
- Flame Retardant Textiles 1970-Apr 85 (136)  
PB85-857316/CAW PTO
- Intumescent Coatings and Paints 1980-Apr 86 (129)  
PB86-865896/CAW WSC
- Intumescent Materials 1970-Apr 86 (180)  
PB86-865888/CAW PTO
- Molding Thermosetting and Thermoplastic Structural Foam 1970-Oct 86 (271)  
PB86-876794/CAW Ei
- \*Molding Thermosetting and Thermoplastic Structural Foam Dec 84-1985 (54)  
PB86-854510/CAW RAPRA
- \*Paper, Textiles, and Board Flameproofing 1983-Nov 84 (214)  
PB85-851368/CAW IPC
- Protective Clothing: Fire and Radiation Environments 1970-Nov 86 (230)  
PB87-850970/CAW NTIS
- Protective Clothing: Flame Resistance 1975-Jan 86 (142)  
PB86-855483/CAW WTA
- Superalloy Coatings 1970-Nov 85 (72)  
PB86-851912/CAW PTO

## Fires

- \*Building Fires 1982-Apr 86 (270) Covers studies on the flammability and fire safety of buildings, their construction materials, and their furnishings  
PB86-863149/CAW NTIS
- \*Combustion of Plastics and Elastomers Nov 80-Nov 85 (235)  
PB86-852035/CAW NTIS
- Mine Safety: Fires and Explosions 1970-Sep 86 (353)  
PB86-874252/CAW NTIS
- Shipboard Fires Jun 70-Aug 86 (95)  
PB86-873718/CAW Ei
- Shipboard Fires 1970-Jun 86 (224)  
PB86-870086/CAW NTIS

## Firmware

- Firmware: Design Techniques and Applications 1975-Feb 85 (291)  
PB85-855377/CAW INSPEC

## Fish products

- Cutting Equipment for Meat, Poultry, and Fish 1972-Jul 86 (138)  
PB86-873429/CAW FSTA
- Economics of Catfish as Food Fish 1972-Apr 86 (114)  
PB86-864600/CAW FSTA

- Fish and Seafood: Food Processing 1972-May 85 (126)  
PB85-860047/CAW FSTA
- Fish and Seafood: Food Processing 1972-May 86 (151)  
PB86-870292/CAW NTIS
- Fish: Product Marketing 1974-Feb 86 (201)  
PB86-858396/CAW OCEANIC
- Manufacture of Kamaboko (Japanese Fish Cakes) 1972-Apr 86 (153)  
PB86-864907/CAW FSTA

## Fisheries

- Aquaculture: Fish 1977-Aug 86 (247)  
PB86-873791/CAW SWRA
- Artificial Reefs: Coastal Engineering and Fisheries Management 1974-Oct 85 (112)  
PB85-871424/CAW OCEANIC
- \*Fisheries: Environmental Aspects Dec 83-Mar 86 (66)  
PB86-862760/CAW SWRA
- Fisheries: Trawling Techniques 1974-Aug 85 (237)  
PB85-865889/CAW OCEANIC
- Legal Aspects of Maritime Boundaries: Offshore Mineral and Fishing Rights 1974-Nov 84 (323)  
PB85-851434/CAW OCEANIC

## Fishes

- Bioaccumulation of Heavy Metals by Fish 1977-Aug 86 (134)  
PB86-872504/CAW SWRA
- Fish Packaging: Materials and Processes 1976-Nov 85 (255)  
PB86-852043/CAW PIRA
- Fish Storage: Physical, Chemical, and Sensory Changes 1974-Sep 85 (209)  
PB85-868479/CAW OCEANIC
- Pesticide Toxicity in Freshwater Fish 1978-Nov 86 (121)  
PB87-851432/CAW LSC
- Quality Changes in Frozen Fish 1972-Mar 85 (131)  
PB85-856086/CAW FSTA
- Toxic Substances: Effects on Fish 1970-May 86 (178)  
PB86-868924/CAW POLLUTION
- Water Pollution Effects of Metals on Fresh Water Fish 1970-Oct 86 (211)  
PB86-876307/CAW NTIS

## Fishing

- Fisheries: Trawling Techniques 1974-Aug 85 (237)  
PB85-865889/CAW OCEANIC
- Trawlers and Trawling Equipment 1974-Sep 85 (246)  
PB85-867836/CAW OCEANIC

## Fishways

- Fishways: Design and Operation 1970-Feb 86 (154)  
PB86-857299/CAW NTIS

## Flame spraying

- \*Plasma and Flame Sprayed Coatings 1980-Feb 86 (349)  
PB86-858008/CAW Ei
- \*Plasma and Flame Sprayed Coatings Feb 80-Mar 86 (176)  
PB86-859188/CAW NTIS
- Plasma and Flame Sprayed Coatings 1970-May 86 (310)  
PB86-868726/CAW PTO

## Flares

- Flare Emissions and Control 1976-1985 (110)  
PB86-854254/CAW EDB



## Flash hydrolysis process

- Coal Conversion Processes: Flash Hydrolysis Process 1976-1985 (215)  
PB86-856457/CAW EDB

## Flatness

- Flatness and Straightness Measurements 1975-Oct 85 (87)  
PB85-869063/CAW INSPEC

## Flavor

- Beverage Flavorings 1970-Mar 85 (155)  
PB85-856896/CAW PTO
- Beverage Flavors: Coffee and Tea 1972-Aug 86 (198)  
PB86-873585/CAW FSTA
- Beverage Flavors: Juices 1972-Mar 86 (233)  
PB86-862505/CAW FSTA
- Beverage Flavors: Soft Drinks 1972-Feb 85 (176)  
PB85-855591/CAW FSTA
- Cheddar Cheese: Flavor 1972-Oct 85 (179)  
PB85-870780/CAW FSTA
- Coffee: Organoleptic Properties 1972-Jun 85 (209)  
PB85-861979/CAW FSTA
- Dairy Flavor: Cheese (Other Than Cheddar) 1972-May 86 (90)  
PB86-869427/CAW FSTA
- Food Flavorings 1970-Jun 86 (122)  
PB86-870755/CAW PTO
- Food Flavors: Liquid Smoke 1972-May 86 (63)  
PB86-870375/CAW FSTA
- Vegetable Flavor: Corn and Corn Products 1972-Jul 85 (90)  
PB85-865152/CAW FSTA

## Flight Characteristics

- Flight Equations of Motion: Computer Analysis 1970-1985 (329)  
PB86-855160/CAW NTIS

## Flight clothing

- \*Protective Clothing: Survival, Aircraft, and Combat Environments Aug 81-Nov 86 (200)  
PB87-850699/CAW NTIS

## Flight control

- Aircraft Flight Control Systems 1970-Sep 85 (129)  
PB85-867299/CAW PTO
- Configuration Management: Aerospace Vehicles and Flight Control 1973-Jan 86 (100)  
PB86-858545/CAW IAA

## Flight simulators

- \*Flight Simulator Training Dec 83-Nov 86 (246)  
PB87-851663/CAW NTIS
- Flight Simulators 1970-Jun 86 (74)  
PB86-870276/CAW PTO
- Flight Simulators and Simulation 1970-Jan 86 (222)  
PB86-856903/CAW Ei
- \*Flight Simulators and Simulation 1983-May 86 (320)  
PB86-869252/CAW IAA

## Flocculation

- Filtration and Flocculation in Industrial Processes 1973-Aug 85 (200)  
PB85-866457/CAW BHRA FLUID

## Floors

- Floor coatings 1980-Apr 86 (83)  
PB86-866050/CAW WSC
- \*Plastic-Based Flooring Materials Jun 83-Nov 85 (151)  
PB85-872398/CAW RAPRA

## Flotation

- Flotation Separation of Coal: Reagents 1976-Oct 85 (299)  
PB85-870657/CAW EDB
- Flotation Separation of Gold and Silver Particles 1966-Nov 85 (198)  
PB85-872570/CAW METADEX

## Flow measurement

- Blood Flow Measurement: Laser Techniques 1975-Jan 86 (97)  
PB86-855723/CAW INSPEC
- Blood Flow Measurement: Ultrasonic Methods and Equipment 1975-Jun 86 (343)  
PB86-869740/CAW INSPEC
- Flow Measurement by Laser Beam 1975-Mar 86 (173)  
PB86-862794/CAW INSPEC
- Fluid Flow Measurement Using Electromagnetic Fields 1973-May 86 (203)  
PB86-866712/CAW BHRA FLUID
- \*Gas Flow Measurement Techniques and Equipment Nov 83-Jan 86 (70)  
PB86-859840/CAW BHRA FLUID
- Ocean Current Sensors 1971-Nov 85 (185)  
Excludes remote sensing techniques  
PB86-851276/CAW NTIS
- Ocean Currents: Measurement 1974-Mar 85 (255)  
PB85-857563/CAW OCEANIC

## Flow visualization

- \*Flow Visualization Jun 85-Apr 86 (98) Excludes shadowgraph, schlieren, and holographic techniques  
PB86-865300/CAW NTIS

## Flue gas desulfurization

- Flue Gas Desulfurization 1970-Mar 86 (307)  
PB86-861622/CAW Ei

## Flue gases

- Flue Gases: Detection, Sampling, and Analysis 1978-Jul 86 (319)  
PB86-871290/CAW NTIS
- \*Gas Scrubbers Used in Pollution Control 1979-Mar 86 (331)  
PB86-859915/CAW Ei

## Fluid dynamics

- \*Cavitation: Cavitation Flow 1974-Jul 86 (369)  
PB86-871035/CAW NTIS
- Vibrational Analysis of Fluids 1970-Nov 85 (210)  
PB85-872273/CAW Ei
- Vibrational Analysis of Fluids 1970-Jan 86 (159)  
PB86-855285/CAW NTIS

## Fluid flow

- \*Boundary Layer Transition 1981-Mar 85 (153)  
PB85-856128/CAW NTIS
- Diffuser Design and Analysis 1974-Apr 86 (179)  
PB86-866910/CAW BHRA FLUID
- Finite Element Analysis: Computerized, Two-Dimensional 1972-Oct 85 (362)  
PB85-869873/CAW IAA
- Flow Measurement by Laser Beam 1975-Mar 86 (173)  
PB86-862794/CAW INSPEC
- Fluid Flow Measurement Using Electromagnetic Fields 1973-May 86 (203)  
PB86-866712/CAW BHRA FLUID
- \*Numerical Methods In Fluid Flow Problems Dec 84-Nov 86 (379)  
PB87-851671/CAW NTIS
- \*Reynolds Number: Analysis of Fluid Flow Aug 82-Oct 85 (203)  
PB85-869543/CAW INSPEC
- Supercritical Fluids 1970-Apr 86 (52)  
PB86-863719/CAW Ei

## Fluidized bed combustion

- Fluidized Bed Boilers and Furnaces 1970-1984 (151)  
PB85-852671/CAW PTO
- Fluidized Bed Coating Processes 1980-Aug 86 (87)  
PB86-874823/CAW WSC
- Fluidized Bed Combustion 1964-Aug 84 (161)  
PB85-800027/CAW API
- \*Fluidized Bed Combustion 1984-Jan 86 (251)  
PB86-855327/CAW NTIS
- Protective Coatings: Fluidized Bed Processes 1966-Jan 86 (229)  
PB86-856465/CAW METADEX

## Fluorescence

- Vacuum Fluorescent Displays 1975-Nov 86 (71)  
PB87-850665/CAW INSPEC

## Fluorescent lamps

- Fluorescent Lighting 1976-Feb 86 (214)  
PB86-860988/CAW EDB
- \*Fluorescent Lamps and Lighting Systems Sep 82-Feb 86 (270)  
PB86-861812/CAW INSPEC

## Flutter

- Vibrational Analysis in Aerodynamics 1970-Jul 86 (224)  
PB86-872322/CAW Ei
- Vibrational Analysis in Aerodynamics 1972-Jul 86 (337)  
PB86-871605/CAW IAA
- Vibrational Analysis in Aerodynamics 1970-Oct 86 (242)  
PB86-877032/CAW NTIS

## Fly ash

- \*Fly Ash Mar 85-Feb 86 (92) Includes studies on its formation, properties, control, and use  
PB86-858040/CAW Ei
- \*Fly Ash Apr 85-Mar 86 (94) Includes studies on its formation, properties, control, and use  
PB86-859279/CAW NTIS

## Foams

- Blowing and Foaming Agents for Polymeric Foams Feb 83-1986 (330)  
PB87-852711/CAW RAPRA
- Cellular Plastic Materials 1970-May 85 (112)  
PB85-860724/CAW PTO
- \*Flame Retardant Polymeric Foams: Manufacturing, Applications, and Hazards Jul 84-Aug 86 (116)  
PB86-872447/CAW RAPRA
- Foam Packaging Materials 1982-Mar 86 (156)  
PB86-863529/CAW PSTA
- \*Foamed Plastics: Polyurethane Foams 1979-Mar 86 (205)  
PB86-862182/CAW NTIS
- \*Foamed Plastics: Styrene, Silicone, Epoxy, and Other Polymeric Foams 1979-May 86 (204)  
Excludes urethane and isocyanate polymeric foams  
PB86-868486/CAW NTIS
- Molding Thermosetting and Thermoplastic Structural Foam 1970-Oct 86 (271)  
PB86-876794/CAW Ei
- \*Molding Thermosetting and Thermoplastic Structural Foam Dec 84-1985 (54)  
PB86-854510/CAW RAPRA
- Plastic Foam Coating: Processes, Formulations, and Applications 1975-Apr 86 (299)  
PB86-864410/CAW RAPRA
- Polymeric Foam Mattresses 1977-Aug 86 (206)  
PB86-872835/CAW RAPRA
- \*Polyurethane/Polyisocyanurate Foam Thermal Insulation Nov 83-Oct 85 (136)  
PB85-869329/CAW RAPRA



- Structural Foam Applications 1973-Apr 86 (262)  
PB86-865755/CAW RAPRA
- Structural Foam: Finishing and Decorating 1977-Jan 86 (159)  
PB86-860608/CAW RAPRA
- Thermoplastic Laminates and Foams 1970-Sep 85 (92)  
PB85-868594/CAW PTO

## Fog

- Ice and Fog: Detection and Warning Systems Dec 85-Nov 86 (54)  
PB87-850962/CAW NTIS

## Foils(Materials)

- Aluminum Foils and Strips for Packaging 1982-Feb 86 (68)  
PB86-860657/CAW PSTA

## Food additives

- Aspartame in Foods 1972-Aug 86 (101)  
PB86-872959/CAW FSTA
- Beverage Stabilizers 1972-Jan 85 (264)  
PB85-853844/CAW FSTA
- Emulsifiers Used in the Meat Industry: Sausage Emulsions and Emulsifiers 1972-Jan 85 (212)  
PB85-854479/CAW FSTA
- Essential Oils Used in the Food and Beverage Industry 1972-Jul 85 (229)  
PB85-864379/CAW FSTA
- Food Additives Jun 83-May 86 (91) Cites only major articles  
PB86-868940/CAW FSTA
- Food Antioxidants: Analytical Techniques 1972-Jul 85 (158)  
PB85-864973/CAW FSTA
- Food Colorant Analytical Techniques 1972-Jul 85 (315)  
PB85-864411/CAW FSTA
- Food Flavorings 1970-Jun 86 (122)  
PB86-870755/CAW PTO
- Food Flavors: Liquid Smoke 1972-May 86 (63)  
PB86-870375/CAW FSTA
- \*Food Rheology Mar 83-Nov 85 (355)  
PB86-851870/CAW FSTA
- GRAS (Generally Recognized as Safe) Food Ingredients 1972-Aug 86 (120)  
PB86-874096/CAW FSTA
- \*GRAS (Generally Recognized as Safe) Food Ingredients Jul 79-May 86 (120)  
PB86-868593/CAW NTIS
- Nisin in Foods 1972-Feb 85 (118)  
PB85-854909/CAW FSTA
- Saccharin in Foods 1972-Aug 85 (270)  
PB85-866408/CAW FSTA
- Sorbitol, Mannitol, and Xylitol in Foods 1972-May 86 (330)  
PB86-868841/CAW FSTA
- Spice Standards 1972-Jul 85 (320)  
PB85-863629/CAW FSTA
- \*Spices: Chemical Analysis Feb 83-Mar 86 (161)  
PB86-859071/CAW FSTA
- Thickeners and Gelling Agents in Foods 1972-May 86 (348)  
PB86-864683/CAW FSTA
- Toxicity of Food Additives (Excluding Antioxidants) 1978-1985 (208)  
PB86-854874/CAW LSC

## Food allergies

- Food Allergy and Hypersensitivity 1973-1985 (224)  
PB86-854999/CAW FSTA
- Food Allergy and Hypersensitivity 1980-Jun 86 (130)  
PB86-871506/CAW LSC

## Food contamination

- Dairy Products: Pseudomonads and Psychrotrophic Bacteria 1972-Apr 86 (300)  
PB86-864949/CAW FSTA
- Insecticide Residues in Agricultural Crops: Organophosphorus Residues 1970-Oct 86 (145)  
PB86-877271/CAW POLLUTION
- Pesticide Residues in Cereals and Cereal Products 1972-1986 (237)  
PB87-852984/CAW FSTA
- Pesticide Residues in Milk and Other Dairy Products 1972-Jul 85 (342)  
PB85-864429/CAW FSTA
- \*Polychlorinated Biphenyls in Foods Aug 84-Jul 85 (62)  
PB85-864395/CAW FSTA

## Food industry

- Commercial Freezers Used by the Food, Dairy, and Beverage Industries 1972-Feb 86 (294)  
PB86-858016/CAW FSTA
- Detergents Used in the Food Industry 1972-Nov 86 (252)  
PB87-850343/CAW FSTA
- Disinfectants Used in the Food Industry 1972-Jul 86 (377)  
PB86-871621/CAW FSTA
- Economics of the Food Industry: Energy Aspects 1977-May 85 (252)  
PB85-860955/CAW EDB
- Energy Conservation in the Food Industry 1974-Oct 85 (295)  
PB85-871234/CAW FSTA
- Food Industry: Bentonite Utilization 1972-1984 (163)  
PB85-852333/CAW FSTA
- Heat Exchangers Used by the Food Industry 1972-Apr 86 (294)  
PB86-862919/CAW FSTA
- Ion Exchange Resins: Applications to the Food and Wine Industries 1972-May 86 (115)  
PB86-869435/CAW FSTA
- Ion Selective Electrode Analysis: Food Industry Applications 1972-Apr 86 (87)  
PB86-866555/CAW FSTA
- \*Plastic Bottles Used in the Food Industry Dec 85-Nov 86 (47)  
PB87-850996/CAW FSTA
- Ultrasonic Techniques in the Food Industry 1972-Aug 86 (326)  
PB86-873395/CAW FSTA

## Food packaging

- \*Aseptic Food Packaging 1984-Nov 86 (179)  
PB87-851903/CAW FSTA
- Aseptic Food Packaging 1970-Nov 85 (84)  
PB86-852209/CAW PTO
- Aseptic Food Packaging 1982-Nov 85 (68)  
PB85-872679/CAW PSTA
- Barrier Properties in Food Packaging 1973-Apr 86 (155)  
PB86-868213/CAW RAPRA
- Beverage Bottling and Packaging Machinery 1976-Apr 86 (162)  
PB86-864865/CAW PIRA
- Blow Molded Products and Machines 1982-Feb 86 (88)  
PB86-860392/CAW PSTA
- Bottling 1982-Mar 86 (54)  
PB86-863230/CAW PSTA
- Carbonated Beverages: Packaging 1976-Oct 85 (274)  
PB85-872778/CAW PIRA
- Corrosion of Food and Beverage Cans 1973-Jan 86 (120)  
PB86-855459/CAW FSTA
- Display Packaging 1982-Nov 85 (52)  
PB86-851995/CAW PSTA

- Fish Packaging: Materials and Processes 1976-Nov 85 (255)  
PB86-852043/CAW PIRA
- \*Food Bottling Lines and Plants Oct 83-May 86 (137)  
PB86-867256/CAW FSTA
- \*Food Packaging and Storage Jun 77-Feb 86 (257)  
PB86-858461/CAW NTIS
- Food Packaging: Odor, Flavor, and Contamination 1976-Feb 86 (205)  
PB86-860350/CAW PIRA
- Gas Packaging 1982-1985 (112)  
PB86-853447/CAW PSTA
- Metallized Polymer Films 1973-Jan 86 (115)  
PB86-855624/CAW RAPRA
- Oriented Films in Packaging 1982-Jun 86 (55) Emphasizes food packaging applications  
PB86-871159/CAW PSTA
- Ovenable Packages 1982-Mar 86 (70)  
PB86-861879/CAW PSTA
- Packaged Foods: Microbiological Analysis 1982-Aug 86 (116)  
PB86-874617/CAW PSTA
- Packaging for Microwave Oven Cooking 1976-Apr 86 (145)  
PB86-864626/CAW PIRA
- Packaging of Fruit Juices, Drinks, and Concentrates 1982-Apr 86 (115)  
PB86-865425/CAW PSTA
- Packaging Frozen Food 1982-Nov 85 (126)  
PB86-852316/CAW PSTA
- Permeability of Packages 1982-Nov 85 (113)  
PB86-852100/CAW PSTA
- Portion Packaging 1982-Mar 86 (60) Refers to food packaging  
PB86-859121/CAW PSTA
- Prepackaging 1982-Mar 86 (130) Emphasis is on the food industry  
PB86-859170/CAW PSTA
- Retortable Food Pouches 1972-Jun 85 (148)  
PB85-863397/CAW FSTA
- Snack Foods 1970-Oct 85 (123)  
PB85-870582/CAW PTO
- Vacuum Packaging 1982-Feb 86 (142)  
PB86-860368/CAW PSTA

## Food preparation

- Infusion Methods, Apparatus, and Bags For Coffee and Tea 1972-Apr 86 (80)  
PB86-867264/CAW FSTA

## Food preserving

- Food and Grain Preservation Through Irradiation 1970-Jul 86 (290)  
PB86-872256/CAW NTIS
- Food Preservation Through Ionizing Irradiation Oct 84-Sep 86 (217)  
PB86-874286/CAW FSTA
- Food Preservation Through Ionizing Radiation 1981-Sep 84 (310)  
PB85-868735/CAW FSTA
- \*Freeze Drying of Foods Mar 82-Aug 86 (127)  
PB86-873940/CAW FSTA
- Fungicides on Foods 1972-Feb 86 (125)  
PB86-861077/CAW FSTA

## Food processing

- \*Animal Offal in the Manufacture of Meat Products Aug 83-Aug 85 (86)  
PB85-866002/CAW FSTA
- Biotechnically Improved Tomatoes 1972-Feb 86 (60)  
PB86-860533/CAW FSTA
- Corn Starch: Properties and Processing 1972-Nov 86 (274)  
PB87-850301/CAW FSTA



- Cutting Equipment for Meat, Poultry, and Fish 1972-Jul 86 (138)  
PB86-873429/CAW FSTA
- Deboning Food 1972-Nov 85 (116)  
PB86-852068/CAW FSTA
- Dried Milk and Dried Milk Products: Manufacture, Packaging, and Storage 1972-Apr 86 (311)  
PB86-865714/CAW FSTA  
Fish and Seafood: Food Processing 1972-May 85 (126)  
PB85-860047/CAW FSTA
- Fish and Seafood: Food Processing 1972-May 86 (151)  
PB86-870292/CAW NTIS
- Food processing: Hot Temperature Short Time Extrusion 1972-Aug 86 (73)  
PB86-874153/CAW FSTA
- \*Food Packaging Machines Aug 83-Jul 86 (186)  
PB86-871639/CAW FSTA
- \*Food Processing Waste Treatment 1976-1985 (160)  
PB86-854247/CAW NTIS
- Fruit Processing 1972-Aug 85 (151)  
PB85-866390/CAW FSTA
- Ice Cream Manufacture 1972-Jun 86 (287)  
PB86-870938/CAW FSTA
- \*Immobilized Microbial Enzyme Systems: Preparation and Properties Oct 83-May 86 (137)  
PB86-867611/CAW LSC
- Manufacture of Kamaboko (Japanese Fish Cakes) 1972-Apr 86 (153)  
PB86-864907/CAW FSTA
- Microwave Food Processing 1972-Jun 86 (216)  
Excludes home cooking  
PB86-870581/CAW FSTA
- Modified Food Starch 1972-Feb 86 (98)  
PB86-859402/CAW FSTA
- Mushroom Industry 1972-1985 (169)  
PB86-854650/CAW FSTA
- Oriented Polypropylene Films in Packaging 1973-Jun 86 (145) Emphasizes food packaging applications  
PB86-871274/CAW RAPRA
- Potato Chip Industry 1972-Jul 85 (315)  
PB85-865277/CAW FSTA
- Prawn: Processing and Packaging 1972-Oct 85 (183)  
PB85-872752/CAW FSTA
- Precooked Foods 1972-Apr 86 (217)  
PB86-865086/CAW FSTA  
Quality Changes in Frozen Fish 1972-Mar 85 (131)  
PB85-856086/CAW FSTA
- \*Reverse Osmosis in Food Processing Jan 86-Dec 86 (57)  
PB87-852240/CAW FSTA  
Snack Food Manufacture 1972-Aug 85 (235)  
PB85-866382/CAW FSTA  
Snack Foods 1970-Oct 85 (123)  
PB85-870582/CAW PTO
- Snack Foods: Processing and Packaging 1972-Jan 86 (241)  
PB86-855475/CAW FSTA
- Solar Drying of Crops and Food 1970-Oct 86 (182)  
PB86-876612/CAW Ei
- Spray Drying of Food Products 1972-1985 (324)  
PB86-854841/CAW FSTA
- Tortilla Manufacturing 1972-Jun 86 (117)  
PB86-870599/CAW FSTA
- Vegetable Juice: Manufacture and Processing 1972-Jan 86 (217)  
PB86-857091/CAW FSTA  
Vegetable Processing 1972-Apr 85 (300)  
PB85-858421/CAW FSTA

## Food production

- Amyloglucosidase 1972-Feb 86 (56)  
PB86-859857/CAW FSTA

- Coffee: Instant and Decaffeinated 1972-Oct 85 (297)  
PB85-869584/CAW FSTA
- Herbicide Use in Food Production: Methods of Analysis 1975-Jul 86 (220)  
PB86-872421/CAW FSTA  
Peanut Butter Production and Analysis 1972-Jul 85 (105)  
PB85-864965/CAW FSTA
- \*Yogurt Manufacture Mar 83-Mar 85 (116)  
PB85-856094/CAW FSTA

## Food rheology

- \*Food Rheology Mar 83-Nov 85 (355)  
PB86-851870/CAW FSTA

## Food sanitation

- Food Industry: Ethylene Oxide Sterilization 1972-Feb 86 (61)  
PB86-858073/CAW FSTA

## Food services

- Fast Food Industry 1972-Mar 86 (133)  
PB86-862075/CAW FSTA

## Food storage

- Economics of Catfish as Food Fish 1972-Apr 86 (114)  
PB86-864600/CAW FSTA  
Fish Storage: Physical, Chemical, and Sensory Changes 1974-Sep 85 (209)  
PB85-868479/CAW OCEANIC
- \*Food Packaging and Storage Jun 77-Feb 86 (257)  
PB86-858461/CAW NTIS
- \*Food Storage in Controlled Atmospheres Oct 83-Oct 86 (106)  
PB86-875648/CAW FSTA
- \*Freeze Drying of Foods Mar 82-Aug 86 (127)  
PB86-873940/CAW FSTA  
Maillard Reaction: Effects on Foods 1972-Sep 85 (279)  
PB85-868461/CAW FSTA
- Ready-to-Eat Foods 1972-Apr 86 (170)  
PB86-864360/CAW FSTA
- \*Shelf Life of Foods 1983-1986 (185)  
PB87-851879/CAW FSTA
- Storage and Drying of Cereals 1972-1986 (230)  
PB87-853248/CAW FSTA

## Foods

- Autoclave Design and Performance 1978-Apr 86 (108)  
PB86-865391/CAW LSC  
Beverage Flavorings 1970-Mar 85 (155)  
PB85-856896/CAW PTO
- Beverage Flavors: Coffee and Tea 1972-Aug 86 (198)  
PB86-873585/CAW FSTA
- Beverage Flavors: Juices 1972-Mar 86 (233)  
PB86-862505/CAW FSTA  
Beverage Flavors: Soft Drinks 1972-Feb 85 (176)  
PB85-855591/CAW FSTA
- \*Caffeine in Food and Beverages Jul 85-Jun 86 (56) Covers biological effects, analysis, and removal  
PB86-869831/CAW FSTA
- Calcium in Foods 1972-Feb 86 (124)  
PB86-859238/CAW FSTA  
Capillary Chromatography of Foods Jul 73-Aug 85 (201)  
PB85-866374/CAW FSTA
- Cholesterol in Foods and Its Effects on Animals and Humans Sep 74-Apr 86 (378)  
PB86-862901/CAW FSTA  
Dietetic Foods: Infant Foods and Therapeutic Products 1974-Sep 85 (223)  
PB85-868693/CAW FSTA

- Dispensing Machines 1970-Sep 85 (188)  
PB85-868586/CAW PTO

- Factors Affecting the Organoleptic Properties of Wine 1972-Apr 86 (122)  
PB86-865375/CAW FSTA
- Fat Soluble Vitamins in Foods 1972-Aug 86 (89)  
PB86-873031/CAW FSTA
- Food Analysis: Headspace Gas Chromatography 1972-Apr 86 (119)  
PB86-859394/CAW FSTA
- \*Food Aroma: Aroma and Flavor Components Mar 83-Jan 86 (110)  
PB86-856507/CAW FSTA
- Food Flavorings 1970-Jun 86 (122)  
PB86-870755/CAW PTO
- Food Tasting Panels 1972-Apr 86 (175)  
PB86-865953/CAW FSTA
- Food: Encapsulation 1972-Nov 86 (166)  
PB87-850335/CAW FSTA
- High Performance Liquid Chromatographic Determination of Foods 1975-Jun 86 (349)  
PB86-869468/CAW FSTA
- Infant Foods: Nutritional Value 1972-Apr 86 (137)  
PB86-865706/CAW FSTA  
Leaf Protein Concentrates: Isolation and Nutrition 1972-Sep 85 (141)  
PB85-868685/CAW FSTA
- Low Calorie Foods 1972-Apr 86 (138)  
PB86-866571/CAW FSTA
- Low Sodium Foods 1972-Mar 86 (57)  
PB86-862109/CAW FSTA  
Mycotoxin Carcinogenicity in Food 1972-Nov 85 (85)  
PB86-850070/CAW FSTA
- Nutritional Labelling 1972-Aug 86 (159)  
PB86-874120/CAW FSTA
- \*Pectins in Foods Jun 82-Sep 85 (143)  
PB85-868792/CAW FSTA
- Prepared Foods (Excluding Dried Milk, Cereals, and Infant Foods): Nutrients 1972-Aug 86 (209)  
PB86-874518/CAW FSTA
- Salad Dressing Compositions 1972-Aug 86 (189)  
PB86-874054/CAW FSTA
- Seaweed: Use as Food 1972-1985 (326)  
PB86-854049/CAW FSTA
- Sitosterol in Foods 1972-Jul 86 (50)  
PB86-872157/CAW FSTA
- Texturized Vegetable Protein Used in Foods 1972-Nov 85 (327)  
PB86-851953/CAW FSTA
- Toxicity: Polymeric Materials in Food-Contact Applications 1977-Oct 86 (237)  
PB86-875960/CAW RAPRA
- \*Vegetable Oils Jun 83-Mar 86 (291)  
PB86-859667/CAW FSTA

## Footwear

- Athletic Footwear 1970-Feb 86 (198)  
PB86-860616/CAW PTO

## Forecasting

- Delphi Method Used in Forecasting 1970-Aug 85 (232)  
PB85-865491/CAW NTIS
- New Products Forecasting Jun 70-Jun 86 (144)  
PB86-871084/CAW Ei
- Solar Energy Conversion: Technological Forecasting 1979-1985 (143)  
PB86-854627/CAW IAA
- \*Surface Transportation: Demands and Needs 1980-Feb 85 (271) Includes urban, rail, and marine  
PB85-855229/CAW NTIS
- Trends in Computer Technology 1970-Mar 86 (210)  
PB86-860293/CAW NTIS



## Foreign policy

- \*Arms Control Nov 81-Feb 86 (121)  
PB86-857356/CAW NTIS

## Forestry

Acid Precipitation: Effects on Terrestrial Ecosystems Oct 83-Sep 84 (212)  
PB85-869998/CAW EDB

## Forging

- Closed Die Forging: Processes and Applications 1966-May 85 (219)  
PB85-859254/CAW METADEX
- Computer Controlled Forging Jun 70-Jun 85 (86)  
PB85-863702/CAW Ei
- \*Die Forging of Steels and Heat Resistant Alloys Feb 85-Jan 86 (50)  
PB86-856358/CAW METADEX
- Forging Dies May 82-Jun 85 (146)  
PB85-862670/CAW METADEX
- Forging Lubrication 1966-Sep 85 (177)  
PB85-867257/CAW METADEX
- \*Hot Forging of Large Metal Parts 1983-Aug 85 (148)  
PB85-865939/CAW METADEX

## Formaldehyde

- Formaldehyde Jun 76-Jul 85 (142)  
PB85-863785/CAW EDB
- Formaldehyde Jun 70-1986 (328)  
PB87-852075/CAW NTIS
- Urea Formaldehyde in Building Materials 1973-Nov 86 (320)  
PB87-851952/CAW RAPRA
- Urea/Phenol/Melamine Formaldehyde Polymeric Resins 1970-Apr 86 (151)  
PB86-864477/CAW NTIS
- Urea/Phenol/Melamine Formaldehyde Polymeric Resins 1970-Nov 85 (265)  
PB86-851235/CAW Ei

## Forming techniques

- Hot Stamping of Plastics 1973-Apr 86 (130)  
PB86-868205/CAW RAPRA
- Superplastic Forming 1979-Sep 85 (208)  
PB85-868701/CAW METADEX
- Thermoforming 1970-Nov 84 (184)  
PB85-851343/CAW PTO
- Vacuum Forming of Plastics 1973-Jun 85 (203)  
PB85-863488/CAW RAPRA

## Forth

- FORTH Programming Language: Utilization with Microcomputers 1977-1986 (150)  
PB87-852448/CAW INSPEC

## Fortran

- Microcomputers: Fortran Programming Language 1974-Jan 86 (121)  
PB86-856416/CAW INSPEC

## Fossil fuels

- \*Fossil-Fuel Power Plants and Power Generation: Economic Analysis 1983-Jun 86 (164)  
PB86-869088/CAW NTIS
- \*Zeolites in Catalysis Jun 83-Feb 85 (235)  
PB85-854826/CAW EDB

## Fouling

- Antifouling Coatings: Marine Applications 1970-1985 (171)  
PB86-855491/CAW Ei
- \*Antifouling Coatings: Marine Applications Apr 85-May 86 (95)  
PB86-867553/CAW WSC

## Foundations

- Computer Aided Design and Manufacturing: Civil Engineering and Construction 1970-Jun 86 (386)  
PB86-870805/CAW NTIS
- Foundation Engineering: Finite Element Analysis 1970-Nov 84 (224)  
PB85-850469/CAW Ei
- \*Foundation Piles for Marine Platforms Oct 82-Apr 85 (83)  
PB85-858272/CAW Ei
- Foundation Piles: Design, Emplacement, and Performance 1973-Nov 85 (202)  
PB86-851730/CAW BHRA FLUID
- \*Structural Foundations in Soils, Ice, Snow, and Permafrost 1978-Sep 85 (255) Excludes subway and seabed foundations  
PB85-868552/CAW NTIS

## Foundry practice

- Foundry Coremaking: Molding Techniques 1973-Nov 85 (257)  
PB85-872729/CAW ISMEC
- \*Foundry Sand and Binder Technology: Iron and Steel Casting Nov 83-Nov 85 (55)  
PB85-872224/CAW METADEX
- Investment Casting 1970-May 86 (194)  
PB86-865870/CAW Ei

## Four wave mixing

- Four Wave Mixing 1970-Aug 86 (247)  
PB86-874690/CAW SPIN

## Fourier transform spectroscopy

- \*Fourier Transform Infrared Spectroscopy Feb 82-Apr 86 (277)  
PB86-866340/CAW Ei
- Fourier Transform Infrared Spectroscopy 1970-1986 (288)  
PB87-852018/CAW NTIS

## Fourier transformation

- Discrete Fourier Analysis Theory and Applications 1970-Jan 86 (275)  
PB86-858149/CAW NTIS
- Fast Fourier Transform Processors 1975-Sep 86 (71)  
PB86-874807/CAW INSPEC
- \*Fast Fourier Transform: Applications 1982-Sep 86 (206)  
PB86-875481/CAW NTIS

## Fractals

- \*Fractals: Theory and Applications Mar 84-Apr 86 (298)  
PB86-863131/CAW INSPEC

## Fractures(Materials)

- \*Fracture of Ceramics Sep 82-Apr 86 (318)  
PB86-867470/CAW NTIS
- \*Fracture Toughness Aug 83-Nov 86 (244)  
PB87-851416/CAW Ei
- Metal Matrix Composites: Fatigue and Fracture Testing 1972-Aug 86 (132)  
PB86-874708/CAW IAA
- Metal Matrix Composites: Fatigue and Fracture Testing 1968-Sep 86 (70)  
PB86-874484/CAW METADEX

## Free electron lasers

- Free Electron Lasers 1980-Mar 85 (132)  
PB85-855807/CAW INSPEC
- Free Electron Lasers 1970-Aug 86 (234)  
PB86-874401/CAW SPIN

## Freedom of Information act

- Freedom of Information and Privacy 1974-Jun 86 (197)  
PB86-869229/CAW MC

## Freeze drying

- \*Freeze Drying of Foods Mar 82-Aug 86 (127)  
PB86-873940/CAW FSTA

## Freezers

- Commercial Freezers Used by the Food, Dairy, and Beverage Industries 1972-Feb 86 (294)  
PB86-858016/CAW FSTA
- \*Cryogenic Refrigeration Mar 82-Mar 86 (172)  
PB86-859204/CAW NTIS

## Freezing

Quality Changes in Frozen Fish 1972-Mar 85 (131)  
PB85-856086/CAW FSTA

## Freight transportation

- Coal Transportation 1970-Jan 86 (179)  
PB86-856283/CAW NTIS
- \*Railroad Freight Transportation. 1981-1985 (199)  
PB86-854437/CAW NTIS

## Frequency allocations

- Frequency Allocation: Mobile Radio and Radiocommunications 1975-Nov 84 (140)  
PB85-850659/CAW INSPEC
- Frequency Allocation: Radio and Television Broadcasting 1975-Mar 86 (107)  
PB86-861739/CAW INSPEC

## Frequency synthesizers

- \*Frequency Synthesizers 1981-Oct 85 (135)  
PB85-870020/CAW Ei
- Frequency Synthesizers 1970-1985 (167)  
PB86-854775/CAW NTIS
- \*Frequency Synthesizers and Their Applications 1983-1985 (273)  
PB86-853090/CAW INSPEC
- Phase Noise in Signal Generators, Oscillators, and Synthesizers 1975-Mar 86 (241)  
PB86-861937/CAW INSPEC

## Fresh water biology

- Ecology of Freshwater Crustaceans 1978-Aug 85 (196)  
PB85-866242/CAW LSC
- Ecology of Freshwater Molluscs 1980-Aug 85 (109)  
PB85-866663/CAW LSC
- \*Fisheries: Environmental Aspects Dec 83-Mar 86 (66)  
PB86-862760/CAW SWRA
- Fresh Water Mussels and Water Quality 1970-Nov 84 (98)  
PB85-852549/CAW NTIS
- Fresh Water Mussels and Water Quality 1977-1984 (121)  
PB85-852275/CAW SWRA
- Polychlorinated Biphenyls in the Freshwater Environment 1977-Jan 86 (167)  
PB86-857000/CAW SWRA
- Water Pollution Effects of Metals on Fresh Water Fish 1970-Oct 86 (211)  
PB86-876307/CAW NTIS

## Fringe benefits

- Company Perquisites (Perks) 1974-Jul 86 (114)  
Employee ownership is emphasized in another bibliography  
PB86-873130/CAW MC
- Company Supported Child Care 1974-Jul 86 (71)  
PB86-874088/CAW MC
- Corporate Wellness Programs 1974-Nov 86 (112)  
PB87-851705/CAW MC



- Employee Ownership of Companies 1974-Jul 86 (225)  
PB86-872587/CAW MC

## Frozen foods

- Fish Packaging: Materials and Processes 1976-Nov 85 (255)  
PB86-852043/CAW PIRA
- Fish Storage: Physical, Chemical, and Sensory Changes 1974-Sep 85 (209)  
PB85-868479/CAW OCEANIC
- Ice Cream Manufacture 1972-Jun 86 (287)  
PB86-870938/CAW FSTA
- Packaging Frozen Food 1982-Nov 85 (126)  
PB86-852316/CAW PSTA

## Fruits

- Fruit Processing 1972-Aug 85 (151)  
PB85-866390/CAW FSTA
- Packaging of Fruit Juices, Drinks, and Concentrates 1982-Apr 86 (115)  
PB86-865425/CAW PSTA
- Plant Growth Regulators: Fruits 1978-Aug 85 (245)  
PB85-866879/CAW FSTA

## Fuel additives

- Antioxidants and Stabilizers for Lubricants and Fuels 1970-May 86 (130)  
PB86-864253/CAW NTIS
- Aviation Fuel Additives 1976-Feb 86 (110)  
PB86-860780/CAW EDB
- Aviation Fuel Additives 1970-Jun 86 (160)  
PB86-868700/CAW NTIS
- Diesel Fuel Additives 1979-May 86 (168)  
PB86-868544/CAW EDB
- Fuel Additives 1970-Jul 86 (156) Includes additives in automotive, diesel, and boiler fuels  
PB86-871209/CAW Ei
- Fuel Additives 1970-Jul 85 (131)  
PB85-864866/CAW NTIS
- Gasoline Fuel Additives 1976-Jul 86 (332)  
PB86-871464/CAW EDB

## Fuel cells

- \*Electrochemical Reactions at Surfaces 1976-May 85 (352)  
PB85-861300/CAW NTIS
- Fuel Cell Electrodes 1970-1985 (167)  
PB86-852456/CAW PTO
- \*Fuel Cells Aug 85-Jul 86 (72)  
PB86-871027/CAW NTIS

## Fuel consumption

- \*Carburetors: Design and Analysis Jun 83-Jul 86 (237)  
PB86-871191/CAW EDB

## Fuel economy

- Aerodynamic Forces on Motor Vehicles 1970-Oct 85 (240)  
PB85-872687/CAW Ei
- Aerodynamic Forces on Motor Vehicles 1970-Jul 85 (177)  
PB85-864601/CAW NTIS

## Fuel gases

- Liquid Level Indicators: Development and Utilization 1974-1985 (102)  
PB86-856234/CAW BHRA FLUID

## Fuel Injection

- Atomizers and Atomization Used in Fuel Injection Systems 1976-Nov 85 (151)  
PB86-852431/CAW EDB
- Fuel Injection for Internal Combustion Engines Jun 70-Nov 85 (352)  
PB85-871580/CAW NTIS

## Fuel slurries

- Atomizers and Atomization of Coal Slurries Jun 76-Nov 85 (187) Excludes design of atomizers  
PB86-852449/CAW EDB

## Fuel storage

- Hydrogen Storage: Storage as a Gas or Liquid 1974-Feb 86 (148)  
PB86-857885/CAW NTIS

## Fuel systems

- Fuel Supply and Control for Turbocharged Engines 1970-Mar 86 (60)  
PB86-860871/CAW PTO
- Gas Turbine Fuel Controls 1970-Jun 85 (187)  
PB85-861821/CAW PTO
- Internal Combustion Engine Fuel Controls 1970-Jun 85 (167)  
PB85-861839/CAW PTO

## Fuel tanks

- Plastic Fuel Tanks in Automobiles and Aircraft 1973-1986 (247)  
PB87-852570/CAW RAPRA

## Fuels

- \*Alcohol Fuels Oct 85-Aug 86 (129)  
PB86-874443/CAW Ei
- \*Alcohol Fuels Sep 84-Aug 85 (182)  
PB85-866325/CAW NTIS
- Alcohol Fuels 1970-Aug 85 (88)  
PB85-865988/CAW PTO
- Antioxidants and Stabilizers for Lubricants and Fuels 1970-May 86 (130)  
PB86-864253/CAW NTIS
- Atomizers and Atomization of Coal Slurries Jun 76-Nov 85 (187) Excludes design of atomizers  
PB86-852449/CAW EDB
- Aviation Fuel Additives 1976-Feb 86 (110)  
PB86-860780/CAW EDB
- Aviation Fuel Additives 1970-Jun 86 (160)  
PB86-868700/CAW NTIS
- Biomass Conversion 1974-1984 (366)  
PB85-852937/CAW Ei
- \*Biomass Conversion from Agricultural Sources Mar 84-Mar 86 (328)  
PB86-859493/CAW EDB
- Biomass Conversion: Ethanol Production by Yeasts 1980-Feb 86 (259)  
PB86-860723/CAW EDB
- \*Biomass Conversion: Methane Production from Agricultural Wastes Jun 84-Jul 85 (155)  
PB85-865046/CAW EDB
- Biomass Conversion: Methane Production from Industrial, Municipal, and Marine Wastes 1978-Oct 85 (128)  
PB85-869139/CAW EDB
- \*Biosynthesis in Biomass Conversion Feb 84-May 85 (128)  
PB85-859296/CAW EDB
- Catalytic Cracking Jun 70-Nov 85 (319)  
PB85-871846/CAW Ei
- Catalytic Cracking Jun 70-Nov 85 (218)  
PB86-852274/CAW NTIS
- \*Coal Conversion Economics: Comparative Evaluations Oct 82-Apr 85 (80)  
PB85-858074/CAW EDB
- Coal Conversion Processes: Flash Hydrolysis Process 1976-1985 (215)  
PB86-856457/CAW EDB
- Coal Conversion: Sasol Processes 1976-May 85 (217)  
PB85-861144/CAW EDB
- Coal Desulfurization 1970-Jul 85 (141)  
PB85-865350/CAW Ei
- Coal Water Slurries 1976-Mar 86 (348)  
PB86-859576/CAW EDB
- Cracking Catalysts 1977-1985 (286)  
PB86-854528/CAW EDB
- Developing Countries: Bioconversion Technology 1979-May 85 (124)  
PB85-861243/CAW EDB
- Diesel Fuel Additives 1979-May 86 (168)  
PB86-868544/CAW EDB
- \*Fermentation Processes: Alcohol Fuels Jul 83-May 86 (295)  
PB86-866704/CAW EDB
- Fuel Additives 1970-Jul 86 (156) Includes additives in automotive, diesel, and boiler fuels  
PB86-871209/CAW Ei
- Fuel Additives 1970-Jul 85 (131)  
PB85-864866/CAW NTIS
- Hydrocracking 1970-Nov 84 (336)  
PB85-851236/CAW Ei
- \*Hydrogen Production Sep 84-Sep 85 (89) Primarily cites large scale manufacturing techniques  
PB85-868248/CAW NTIS
- Hydrogen Storage: Storage as a Gas or Liquid 1974-Feb 86 (148)  
PB86-857885/CAW NTIS
- Hydrogen Use as a Fuel 1970-Feb 86 (192)  
PB86-858610/CAW NTIS
- \*Immobilized Microbial Cells: Production and Conversion of Products Oct 84-Nov 85 (82)  
PB86-852092/CAW LSC
- Liquefied Petroleum Gas Jun 76-Nov 84 (298)  
PB85-851301/CAW EDB
- Marine Fuels 1973-Oct 86 (187)  
PB87-851515/CAW ISMEC
- \*Methane from Solid Wastes Apr 83-Apr 86 (181) Excludes agricultural wastes  
PB86-866118/CAW EDB
- Methane from Solid Wastes 1974-Nov 84 (106)  
PB85-853224/CAW Ei
- Municipal Waste Resource Recovery Facilities: Economic and Institutional Aspects 1979-Apr 86 (174)  
PB86-865185/CAW EDB
- Natural Gas: Alternative Automotive Fuel 1976-1985 (110)  
PB86-856689/CAW EDB
- Natural Gas: Marine Transportation 1974-May 85 (299)  
PB85-861656/CAW OCEANIC
- Oil Burners: Crude Oil, Atomization, and Combustion Efficiency 1970-Apr 85 (294)  
PB85-860427/CAW Ei
- Oil Burners: Crude Oil, Atomization, and Combustion Efficiency 1970-Mar 85 (176)  
PB85-857068/CAW NTIS
- Pyrolysis Processes: Municipal Waste Utilizations 1976-Nov 84 (171)  
PB85-851293/CAW EDB
- Pyrolysis Processes: Applications in Agricultural Waste Energy Recovery 1976-Mar 86 (142)  
PB86-860798/CAW EDB
- Solid Waste Pyrolysis Processes and Plants 1976-Feb 85 (196)  
PB85-855443/CAW EDB
- Supercritical Gas Extraction of Liquids from Coal 1976-Feb 85 (283)  
PB85-855674/CAW EDB
- Water Hyacinths: Waste Treatment and Methane Production 1979-Oct 85 (170)  
PB85-870434/CAW EDB
- Wood as a Fuel 1970-Aug 86 (343) Excludes synthetic fuels derived from wood. Includes use of wood wastes  
PB86-873874/CAW NTIS
- Wood Fuels: Resource Assessment and Economics 1977-Apr 85 (108)  
PB85-858330/CAW EDB
- \*Wood Gasification Jul 83-Jun 85 (245)  
PB85-863140/CAW EDB



## Fumigants

- Food Industry: Ethylene Oxide Sterilization 1972-Feb 86 (61)  
PB86-858073/CAW FSTA

## Functional languages

- Functional Languages and Function Programming 1975-1985 (227)  
PB86-853900/CAW INSPEC

## Fungicides

- Fungicides 1970-Feb 83 (183)  
PB86-861549/CAW PTO
- Fungicides on Foods 1972-Feb 86 (125)  
PB86-861077/CAW FSTA

## Furnaces

- Fluidized Bed Boilers and Furnaces 1970-1984 (151)  
PB85-852671/CAW PTO
- Vacuum Furnaces 1970-Oct 85 (110)  
PB85-870939/CAW NTIS
- Wood Burning Furnaces: Pollution and Environments 1978-Oct 85 (103)  
PB85-871218/CAW EDB

## Furnishings

- \*Building Fires 1982-Apr 86 (270) Covers studies on the flammability and fire safety of buildings, their construction materials, and their furnishings  
PB86-863149/CAW NTIS

## Fusible interlinings

- Fusible Interlinings 1975-Feb 86 (176)  
PB86-859527/CAW WTA

## Fuzzy sets

- Fuzzy Logic 1978-Mar 86 (183)  
PB86-859436/CAW INSPEC

## Gallium arsenides

- \*Gallium Aluminum Arsenides: Electrical and Optical Properties 1966-Jun 86 (377)  
PB86-869211/CAW METADEX
- Gallium Arsenide Field Effect Transistor Amplifiers 1975-Feb 86 (198)  
PB86-857992/CAW INSPEC
- Gallium Arsenide Field Effect Transistors: Fabrication 1970-Jul 86 (54)  
PB86-871811/CAW PTO
- Gallium Arsenide Heterostructures: Carrier Mobility 1975-Jun 86 (79)  
PB86-870383/CAW INSPEC
- Gallium Arsenide Materials Etching Techniques 1975-Apr 86 (190)  
PB86-866746/CAW INSPEC
- Gallium Arsenide Materials: Optical Properties 1975-Apr 86 (139)  
PB86-866811/CAW INSPEC
- \*Gallium Arsenide Metal Semiconductor Field Effect Transistors Dec 85-Nov 86 (70)  
PB87-851192/CAW INSPEC
- \*Gallium Arsenide Technology: Field Effect Integrated Circuits Aug 84-Jul 86 (211)  
PB86-870490/CAW INSPEC
- Gallium Arsenide Technology: Microwave Integrated Circuits 1975-Jul 86 (325)  
PB86-870508/CAW INSPEC
- Gallium Compounds in Solar Cells 1972-Nov 85 (214)  
PB85-871663/CAW IAA
- Integrated Optoelectronics: Gallium Arsenide Materials 1975-Sep 86 (128)  
PB86-873668/CAW INSPEC
- Metal-Organic Chemical Vapor Deposition in GaAs Semiconductor Fabrication 1975-May 86 (177)  
PB86-868973/CAW INSPEC

- Ohmic Contacts for Gallium Arsenide Materials and Devices 1975-May 86 (156)  
PB86-867512/CAW INSPEC
- Photoluminescence: Semiconducting Gallium Compounds 1972-1985 (346)  
PB86-853769/CAW Ei

## Game theory

- War Gaming for Strategic and Tactical Nuclear Warfare 1970-Jan 86 (312)  
PB86-856150/CAW NTIS

## Gamma irradiation

- Food and Grain Preservation Through Irradiation 1970-Jul 86 (290)  
PB86-872256/CAW NTIS

## Gas analysis

- Alcohol Breath Analysis 1970-Mar 86 (55)  
PB86-860210/CAW PTO
- Blood Gas Analysis 1970-Feb 86 (179)  
PB86-859782/CAW NTIS
- \*Chemical and Biological Warfare: Detection and Warning Systems Jun 84-Apr 86 (58)  
PB86-862588/CAW NTIS
- \*Chemical Analysis of Aerosols and Airborne Particulates Jul 80-Sep 86 (301) Excludes citations pertaining specifically to sampling techniques and particle size analysis  
PB86-875069/CAW NTIS
- \*Chromatography for Air Pollution Analysis Jul 85-Jun 86 (103)  
PB86-869559/CAW EDB
- Flue Gases: Detection, Sampling, and Analysis 1978-Jul 86 (319)  
PB86-871290/CAW NTIS
- Oxygen Sensors 1970-Aug 86 (157)  
PB86-873197/CAW NTIS

## Gas detection

- Gas Detection in Underground Coal Mines 1977-Apr 85 (115)  
PB85-857951/CAW EDB
- Oxygen Sensors 1970-Aug 86 (157)  
PB86-873197/CAW NTIS
- Semiconductor Gas Sensors 1975-Apr 86 (90)  
PB86-867074/CAW INSPEC

## Gas diffusion

- \*Gas Permeability of Polymers 1985-1986 (177) Water vapor and water permeability of polymers are included in other bibliographies  
PB87-853081/CAW RAPRA

## Gas flow

- \*Boundary Layer Transition 1981-Mar 85 (153)  
PB85-856128/CAW NTIS
- Diffuser Design and Analysis 1974-Apr 86 (179)  
PB86-866910/CAW BHRA FLUID
- Flow Measurement by Laser Beam 1975-Mar 86 (173)  
PB86-862794/CAW INSPEC
- \*Gas Flow Measurement Techniques and Equipment Nov 83-Jan 86 (70)  
PB86-859840/CAW BHRA FLUID

## Gas lasers

- \*Carbon Dioxide Lasers Apr 85-Mar 86 (165)  
PB86-859477/CAW Ei
- \*Carbon Dioxide Lasers Sep 80-Jan 86 (223)  
PB86-858701/CAW NTIS
- Carbon Dioxide Waveguide Lasers 1976-Feb 86 (207)  
PB86-860517/CAW EDB
- Carbon Dioxide Waveguide Lasers 1972-Aug 85 (223)  
PB85-867158/CAW IAA
- \*Carbon Monoxide Lasers May 83-Apr 86 (66)  
PB86-865649/CAW IAA

- Gas Laser Devices and Systems 1970-May 85 (97)  
PB85-861375/CAW PTO

- Halogen and Rare Gas Chemical Lasers 1976-Sep 85 (344)  
PB85-868339/CAW EDB

- \*Hydrogen Fluoride and Deuterium Fluoride Lasers 1976-Jan 86 (254)  
PB86-857802/CAW NTIS

## Gas separation

- Membrane Gas Separation 1976-Nov 86 (312)  
PB87-850657/CAW EDB
- Membrane Gas Separation 1970-Nov 86 (219)  
PB87-851044/CAW Ei
- Membrane Gas Separation 1970-1985 (162)  
PB86-855152/CAW NTIS

## Gas turbines

- Advanced Propfans 1972-May 86 (89)  
PB86-868965/CAW IAA
- Aircraft Gas Turbine Engines: Noise Reduction and Vibration Control 1973-Jul 86 (279)  
PB86-871456/CAW ISMEC
- Ceramics Technology: Aircraft Engine Component Applications 1970-Oct 86 (49)  
PB86-876356/CAW Ei
- Ceramics Technology: Aircraft Engine Component Applications 1970-Oct 86 (61)  
PB86-876364/CAW NTIS
- Ceramics Technology: Automotive Gas Turbine Engine Component Applications 1976-Oct 86 (148)  
PB86-876380/CAW EDB
- Ceramics Technology: Automotive Gas Turbine Engine Component Applications 1976-Oct 86 (83)  
PB86-876372/CAW NTIS
- Gas Turbine Fuel Controls 1970-Jun 85 (187)  
PB85-861821/CAW PTO
- Gas Turbines: Protective Coatings for Corrosion and Erosion Protection 1970-1986 (268)  
PB87-852133/CAW Ei
- Gas Turbines: Protective Coatings for Corrosion and Erosion Protection 1966-1986 (265)  
PB87-852927/CAW METADEX
- Marine Gas Turbine Engines 1973-May 86 (167)  
PB86-866621/CAW ISMEC

## Gas wells

- Corrosion by Sour Gas and Hydrogen Sulfide in Oil and Gas Wells 1976-Sep 85 (198)  
PB85-867992/CAW EDB
- Corrosion Inhibitors: Utilization in Oil and Gas Production 1976-Nov 85 (172)  
PB86-850765/CAW EDB
- Deep Water Drilling Technology 1976-Aug 86 (215)  
PB86-873528/CAW EDB
- Flare Emissions and Control 1976-1985 (110)  
PB86-854254/CAW EDB
- Natural Gas Well Completion 1976-Nov 85 (88)  
PB86-851540/CAW EDB
- \*Petroleum and Gas Recovery: Directional Drilling Sep 84-1985 (124)  
PB86-854205/CAW EDB
- Pressure Regulating Valves: Petroleum and Natural Gas Industries 1976-May 85 (161)  
PB85-861748/CAW EDB

## Gaskets

- \*Seals and Gaskets Nov 81-Oct 86 (342) Excludes highway joint seals, dental sealants, and home construction sealants  
PB87-850277/CAW NTIS

## Gasohol

- \*Alcohol Fuels Oct 85-Aug 86 (129)  
PB86-874443/CAW Ei



## Gasoline

- Gasoline Fuel Additives 1976-Jul 86 (332)  
PB86-871464/CAW EDB

## Gate oxides

- Gate Oxides 1975-Jun 86 (68)  
PB86-870201/CAW INSPEC

## Gears

- Gear Design and Testing 1972-Apr 86 (228)  
PB86-864766/CAW IAA
- Gear Design and Testing 1970-Aug 86 (309)  
PB86-873858/CAW NTIS
- Gear Manufacturing Technology Jun 70-Nov 85 (185)  
PB86-851821/CAW Ei
- Heat Treatment of Gears Jun 70-Oct 85 (146)  
PB85-871523/CAW Ei

## Gel chromatography

- \*Gel Permeation Chromatography Jul 83-Jul 86 (280)  
PB86-872074/CAW Ei

## Gelling agents

- Thickeners and Gelling Agents in Foods 1972-May 86 (348)  
PB86-864683/CAW FSTA

## Gems

- Synthetic Crystals Jun 70-Jun 85 (253)  
PB85-863512/CAW Ei

## Genetics

- Biotechnology Opportunities in Agriculture 1974-1986 (121)  
PB87-853255/CAW MC
- Genetic Counseling 1978-Aug 86 (188)  
PB86-874856/CAW LSC
- Genetic Engineering: Monoclonal Antibodies 1980-Feb 85 (50)  
PB85-855369/CAW PTO
- Genetic Engineering: Plants, Bacteria, Livestock 1984-Mar 85 (95)  
PB85-857431/CAW FEDRIP
- Genetic Engineering: Plasmids 1970-Mar 86 (106)  
PB86-861788/CAW PTO
- Genetic Markers in Humans 1978-1985 (57)  
PB86-853322/CAW LSC
- Growth Hormones 1970-Mar 88 (115)  
PB86-863271/CAW PTO
- Hybridization Probes 1978-Aug 85 (83)  
PB85-865731/CAW LSC

## Geology

- Geochemical Analysis in Petroleum Exploration 1976-Mar 86 (64)  
PB86-860491/CAW EDB
- \*Geological Surveys for Petroleum and Natural Gas Sep 83-May 85 (311)  
PB85-859643/CAW EDB
- Remote Sensing Applied to Geology and Mineralogy 1973-1985 (371)  
PB86-853959/CAW NTIS

## Geometric modeling

- Geometric Models 1975-Jun 86 (250)  
PB86-868718/CAW INSPEC
- Pattern Recognition: Computational Geometry 1975-Sep 86 (56)  
PB86-875333/CAW INSPEC
- Splines in Surface Representation 1975-Oct 86 (92)  
PB86-876299/CAW INSPEC

## Geothermal energy

- Geothermal Power: Corrosion and Material Development 1973-Apr 86 (207)  
PB86-867231/CAW NTIS
- \*Geothermal Power: Drilling Technology and Hardware Apr 83-Apr 86 (165)  
PB86-865730/CAW NTIS

## Gerontology

- Aging and Nutrition 1978-Nov 86 (111)  
PB87-851770/CAW LSC

## Glass

- Bonding of Glass Fibers 1970-Sep 86 (75)  
PB86-875846/CAW Ei
- Glass Fiber Reinforced Plastics: Building and Agricultural Applications 1975-Oct 85 (133) This report has been updated and split into 2 separate titles - one for building applications, the other for agricultural applications  
PB85-870681/CAW RAPRA
- Glass Fiber Reinforced Plastics: Chemically Resistant Applications 1977-Oct 85 (109)  
PB85-870475/CAW RAPRA
- Glass-Ceramic Compositions 1970-May 86 (144)  
PB86-869260/CAW PTO
- Plastic Window Materials: Frames and Glazing 1977-1985 (276)  
PB86-853983/CAW RAPRA
- Polishing of Glass and Lenses 1970-Aug 86 (131)  
PB86-873726/CAW PTO
- Sol Gel Processes 1976-Sep 86 (202)  
PB86-875614/CAW EDB
- Sol Gel Processes 1970-Jan 86 (92)  
PB86-856747/CAW Ei
- Sol Gel Techniques: Glass and Ceramic Materials 1975-Jan 86 (76)  
PB86-856861/CAW INSPEC

## Glass transition temperature

- Polymers and Copolymers: Glass Transition Temperature 1971-Mar 86 (267)  
PB86-862695/CAW Ei

## Global navigation

- NAVSTAR Global Positioning System 1972-Nov 86 (334)  
PB87-850798/CAW IAA
- NAVSTAR Global Positioning System 1977-Oct 86 (258)  
PB86-875879/CAW INSPEC
- NAVSTAR Global Positioning System 1970-Oct 86 (245)  
PB86-877065/CAW NTIS

## Glycolipids

- Glycosphingolipids 1978-Apr 86 (115)  
PB86-867942/CAW LSC

## Gold

- Flotation Separation of Gold and Silver Particles 1966-Nov 85 (198)  
PB85-872570/CAW METADEX
- \*Gold Coatings and Plating Processes Dec 83-Feb 86 (65)  
PB88-858735/CAW NTIS
- \*Gold Ore Treatment Jan 86-Dec 86 (77)  
PB87-851937/CAW Ei

## Gold alloys

- Gold-Silver Alloys: Electrical, Optical, and Surface Properties 1966-Jun 85 (127)  
PB85-863405/CAW METADEX

## Government policies

- Chemical Industry: Government Regulations 1976-Nov 85 (121)  
PB85-871838/CAW EDB

- Chemical Industry: Government Regulations 1970-Nov 85 (162)  
PB85-872232/CAW NTIS

- \*Shipbuilding and Shipping Industries: Government Regulations Feb 84-May 85 (132)  
PB85-861565/CAW OCEANIC

## Grain elevators

- Dust Explosions: Combustible Particles and Control 1970-Nov 85 (208)  
PB86-851284/CAW Ei
- Dust Explosions: Combustible Particles and Controls 1970-Oct 86 (207)  
PB86-877420/CAW NTIS

## Grains(Food)

- Food and Grain Preservation Through Irradiation 1970-Jul 86 (290)  
PB86-872256/CAW NTIS

## Grains(Foods)

- Agricultural Machines: Tillage, Planters, and Seeders 1970-Nov 85 (133)  
PB86-851987/CAW Ei
- Plant Growth Regulators: Vegetables and Grains 1978-May 86 (140)  
PB86-866126/CAW FSTA
- Tortilla Manufacturing 1972-Jun 86 (117)  
PB86-870599/CAW FSTA

## Graph theory

- Graph Theory Algorithms for Network Topology and Design 1975-1985 (128)  
PB86-853553/CAW INSPEC

## Graphic methods

- Computer Business Graphics 1975-Apr 85 (87)  
PB85-857969/CAW INSPEC
- Graph Theory Algorithms for Network Topology and Design 1970-1985 (100)  
PB86-853546/CAW NTIS

## Graphite

- Graphite in Lubrication 1974-Aug 85 (160)  
PB85-866283/CAW IAA
- Graphite in Lubrication 1970-May 85 (188)  
PB85-860583/CAW NTIS
- Graphite Intercalation Compounds Jun 70-Nov 85 (150)  
PB86-852076/CAW NTIS
- Graphite Lubricants Jun 70-Jun 86 (198)  
PB86-869401/CAW Ei
- Graphite Powder Jun 70-Oct 85 (143)  
PB85-869436/CAW NTIS
- Graphite: Chemical Properties 1981-Apr 86 (197)  
PB86-866290/CAW NTIS
- Solid Lubricants: Graphite, Polymers, Fluorides, and General Studies Feb 82-Nov 86 (139) Excludes molybdenum compounds  
PB87-850863/CAW Ei

## Graphite fibers

- \*Carbon and Graphite: Carbon and Graphite Fibers and Fiber Composites Jun 83-Apr 86 (387)  
PB86-868197/CAW NTIS
- Graphite Fiber Reinforced Epoxy 1973-Oct 86 (373)  
PB86-877305/CAW RAPRA

## GRAS food ingredients

- GRAS (Generally Recognized as Safe) Food Ingredients 1972-Aug 86 (120)  
PB86-874096/CAW FSTA
- \*GRAS (Generally Recognized as Safe) Food Ingredients Jul 79-May 86 (120)  
PB86-868593/CAW NTIS



## Gravity

- Microgravity Research on Life Sciences 1982-Aug 86 (57) Excludes microgravity research on materials sciences  
PB86-873122/CAW INSPEC  
Microgravity Research on Materials Sciences 1974-Aug 85 (66)  
PB85-868727/CAW IAA
- Microgravity Research on Materials Sciences 1975-Oct 86 (177) Excludes microgravity research on life sciences  
PB86-877214/CAW METADEX  
Zero Gravity and Microgravity Effects in Aerospace Biophysics and Exobiology 1978-May 85 (67)  
PB85-861334/CAW INSPEC

## Greases

- Lubricants and Greases: Properties and Evaluation 1973-Apr 86 (190)  
PB86-864303/CAW BHRA FLUID

## Greenhouse effect

- Carbon Dioxide and Climate 1970-May 86 (179)  
PB86-866563/CAW NTIS

## Greenhouses

- Building Design and Construction for Arid Regions 1976-Mar 85 (78)  
PB85-855922/CAW EDB
- Greenhouse Controls 1970-Oct 86 (75)  
PB87-850434/CAW PTO  
Greenhouse Design 1974-Jul 85 (100)  
PB85-863520/CAW NTIS
- \*Greenhouse Design, Construction, and Operation May 82-Feb 86 (158)  
PB86-858057/CAW Ei

## Greens function

- Green's Functions: Antenna Design Applications 1972-May 86 (138)  
PB86-866084/CAW IAA

## Grey scale

- Grey Scale Imaging and Display 1975-Sep 86 (204)  
PB86-874419/CAW INSPEC

## Grinding

Ball Milling Techniques 1970-Oct 85 (207)  
PB85-869113/CAW Ei

## Grinding wheels

- Abrasive Grinding Wheels Jun 70-May 86 (177)  
PB86-864519/CAW Ei  
Grinding Wheel Dressing 1970-Apr 85 (154)  
PB85-858603/CAW PTO

## Ground effect machines

Surface Effect Vehicles for Marine Environments 1974-Oct 85 (255)  
PB85-871432/CAW OCEANIC

## Ground vehicles

Electric Vehicles 1970-Aug 85 (155)  
PB85-865525/CAW PTO

## Ground water

- Agricultural Watersheds 1977-Sep 86 (263)  
PB86-874591/CAW SWRA
- Artificial Recharge of Aquifers 1977-1986 (207)  
PB87-852141/CAW SWRA  
Computerized Management and Simulation of Groundwater Resources 1977-Jun 85 (330)  
PB85-862613/CAW SWRA
- \*Ground Water Pollution: General Studies Dec 84-Nov 86 (225) Excludes irrigation and pollution from fertilizers and includes superfund program studies  
PB87-851655/CAW NTIS

Groundwater Law 1977-Nov 84 (77)  
PB85-850824/CAW SWRA

- Groundwater Pollution Monitoring 1976-1985 (305)  
PB86-855053/CAW EDB
- Microbiology of Groundwater 1978-Apr 86 (72)  
PB86-866522/CAW LSC
- Microbiology of Groundwater 1977-Sep 86 (151)  
PB86-875077/CAW SWRA
- Soil Salinity: Irrigation Practices and Effects on Crops and Ground water 1977-Oct 85 (130)  
PB85-869667/CAW SWRA

## Growth regulators

- Allelochemicals 1978-Mar 86 (187)  
PB86-861986/CAW LSC
- Growth Hormones 1970-Mar 86 (115)  
PB86-863271/CAW PTO
- Plant Growth Regulators: Vegetables and Grains 1978-May 86 (140)  
PB86-866126/CAW FSTA  
Plant Growth Regulators: Fruits 1978-Aug 85 (245)  
PB85-866879/CAW FSTA

## Guayule plants

Guayule Rubber: Cultivation and Manufacture 1977-May 85 (206)  
PB85-861185/CAW RAPRA

## Guidance

- \*Inertial Navigation and Guidance 1981-Aug 86 (190)  
PB86-872678/CAW NTIS

## Guided missile computers

- \*Aerospace Computer Systems: Space and Guided Missile Applications Dec 84-Nov 86 (226)  
PB87-851556/CAW NTIS

## Guns

- Light Gas Guns 1970-Aug 86 (116)  
PB86-874948/CAW NTIS
- Railgun Accelerators 1979-Aug 86 (154)  
PB86-874211/CAW EDB

## Gyroscopes

- \*Gyroscopes and Gyro-Stabilized Systems Mar 82-May 86 (209)  
PB86-867389/CAW Ei
- \*Gyroscopes and Gyro-Stabilized Systems Jun 83-Jun 86 (146)  
PB86-869708/CAW IAA
- \*Gyroscopes and Gyro-Stabilized Systems 1983-May 86 (135) Excludes citations pertaining specifically to laser devices  
PB86-867439/CAW NTIS
- Laser Gyroscopes 1970-Nov 86 (286)  
PB87-850475/CAW Ei
- \*Laser Gyroscopes 1983-Mar 86 (336)  
PB86-863677/CAW IAA
- Laser Gyroscopes 1970-Nov 86 (270)  
PB87-851135/CAW NTIS
- Laser Gyroscopes 1970-Nov 86 (87)  
PB87-850822/CAW PTO

## Hall effect

- Hall Effect Devices 1970-May 86 (240)  
PB86-867561/CAW Ei  
Hall Effect Devices 1975-Feb 85 (228)  
PB85-855385/CAW INSPEC
- Proximity Sensors 1975-Oct 86 (224)  
PB86-877024/CAW INSPEC

## Hallucinogens

- Marijuana, Hashish, and Related Compounds Jun 70-Apr 86 (206)  
PB86-867165/CAW NTIS

\*Psychotropic Drug Research Dec 81-1984 (56)  
PB85-853232/CAW NTIS

## Halocarbon resins

- Heat Resistant Plastics Excluding Nitrogen Compounds Sep 80-Sep 86 (180)  
PB86-875762/CAW NTIS

## Halohydrocarbons

- \*DDT, DDD, and DDE Pesticides 1977-Feb 86 (237)  
PB86-858305/CAW NTIS
- \*Toxicity of Gaseous Halogenated Organic Compounds Mar 83-Jan 86 (279)  
PB86-856929/CAW NTIS  
Toxicity of Halogenated Organic Compounds Nov 81-Feb 83 (231)  
PB85-853612/CAW NTIS
- Trihalomethanes in Potable Water 1978-Mar 86 (171)  
PB86-862778/CAW SWRA

## Halomethanes

- Trihalomethanes in Potable Water 1978-Mar 86 (171)  
PB86-862778/CAW SWRA

## Handbooks

\*Handbooks on Computers May 83-Feb 85 (98)  
PB85-855534/CAW NTIS

## Handicapped persons

- Computers for the Physically Handicapped 1978-May 85 (81)  
PB85-860161/CAW INSPEC
- Computers for the Visually Handicapped: Aids for Personal Development and Research 1975-Feb 86 (171)  
PB86-858602/CAW INSPEC
- Handicapped Persons: Employment Surveys and Statistics 1970-Jan 86 (225)  
PB86-857265/CAW NTIS
- Handicapped Persons: Service Directories, Guides, and Handbooks 1970-Mar 86 (218)  
PB86-861192/CAW NTIS

## Handling equipment

- Materials Handling in Manufacturing Jun 70-1985 (360)  
PB86-854676/CAW Ei  
Pipe Handling 1970-Oct 85 (220)  
PB85-870558/CAW PTO

## Handwriting

- Handwriting Recognition by Computer 1975-Sep 86 (88)  
PB86-875002/CAW INSPEC
- \*Optical Character Recognition Feb 81-Jul 86 (262)  
PB86-870946/CAW Ei
- Optical Character Recognition 1970-Aug 86 (143)  
PB86-873841/CAW NTIS

## Hard facing alloys

- Hard Facing Alloys 1970-Feb 86 (329)  
PB86-859659/CAW Ei
- \*Hard Facing Alloys Jan 85-Dec 85 (47)  
PB86-854064/CAW METADEX

## Hardening

- Nitriding Techniques for the Hardening of Steels 1973-Oct 85 (219)  
PB85-871564/CAW ISMEC
- Oxide Dispersion Strengthening of Alloys 1970-Jan 86 (99)  
PB86-857828/CAW Ei
- Oxide Dispersion Strengthening of Alloys Jun 66-Jan 86 (171)  
PB86-857570/CAW METADEX



- Radiation Hardening of Electronic Circuits 1975-Oct 86 (305) Excludes citations concerning single devices, or on circuit or component shielding  
PB86-877008/CAW INSPEC
- Radiation Hardening of Semiconductor Devices 1976-Jan 86 (191)  
PB86-855798/CAW EDB
- Radiation Hardening of Semiconductor Devices 1970-Sep 86 (260)  
PB86-875630/CAW NTIS
- Surface Hardening of Metals: Ion Nitriding 1977-Oct 85 (299)  
PB85-870889/CAW METADEX

### **HardenIng(Materials)**

- Laser Annealing and Hardening 1970-Jul 85 (68)  
PB85-864692/CAW PTO

### **Hashish**

- Marijuana, Hashish, and Related Compounds Jun 70-Apr 86 (206)  
PB86-867165/CAW NTIS

### **Hazardous materials**

- \*Ground Water Pollution: General Studies Dec 84-Nov 86 (225) Excludes irrigation and pollution from fertilizers and includes superfund program studies  
PB87-851655/CAW NTIS
- \*Hazardous Materials Transportation Sep 82-May 86 (106)  
PB86-869906/CAW Ei
- Hazardous Materials Transportation 1977-Apr 86 (327) Excludes radioactive wastes and materials  
PB86-865268/CAW NTIS
- \*Hazardous Materials Transportation: Radioactive Materials and Wastes May 85-Apr 86 (100)  
PB86-862265/CAW NTIS
- \*Hazardous Materials Waste Disposal Jun 85-May 86 (160) Excludes radioactive wastes and materials  
PB86-865854/CAW NTIS
- Hazardous Waste Treatment and Disposal 1970-Apr 86 (51) Includes radioactive wastes  
PB86-863966/CAW PTO
- Packaging and Transporting Dangerous Products 1982-Mar 86 (116)  
PB86-861887/CAW PSTA
- Preventive Medicine: Hazardous Materials Exposure and Public Health 1976-Oct 85 (325)  
PB85-869378/CAW EDB
- Tort Law: Energy Related Liability 1976-Jan 86 (169) Excludes superfunds and acid rain  
PB86-858891/CAW EDB

### **Head up displays**

- Head Up Displays 1975-Jul 86 (258)  
PB86-871100/CAW IAA
- Head Up Displays 1970-Sep 85 (224)  
PB85-868784/CAW NTIS
- Head Up Displays 1970-Apr 86 (58)  
PB86-866894/CAW PTO

### **Head(Fluid mechanics)**

- Net Positive Suction Head (NPSH) 1974-Jul 86 (101)  
PB86-872470/CAW BHRA FLUID

### **Health care**

- Women as Consumers and Providers of Health Care 1970-Feb 86 (181)  
PB86-857844/CAW NTIS

### **Health care costs**

- \*Control of Health Care Costs 1980-Mar 86 (318)  
PB86-861481/CAW NTIS
- Corporate Wellness Programs 1974-Nov 86 (112)  
PB87-851705/CAW MC

- Health Care Costs: Ambulatory Health Care Sep 75-Sep 86 (303)  
PB86-875937/CAW NTIS
- \*Health Care Costs: Health Care Facilities 1977-Feb 86 (333) Excludes nursing homes  
PB86-857786/CAW NTIS
- Health Care Costs: Long Term Care Feb 76-Jan 86 (218)  
PB86-856309/CAW NTIS
- \*Health Maintenance Organizations and Health Care Costs Feb 85-Jan 86 (66)  
PB86-857026/CAW MC

### **Health care delivery**

- Telecommunication in Medicine 1970-May 86 (154)  
PB86-870433/CAW NTIS

### **Health care delivery organizations**

- Health Maintenance Organizations Jul 78-Mar 86 (245)  
PB86-861978/CAW NTIS

### **Health care facilities**

- \*Health Care Costs: Health Care Facilities 1977-Feb 86 (333) Excludes nursing homes  
PB86-857786/CAW NTIS
- Hospices and Care of the Terminally Ill 1970-Aug 86 (160)  
PB86-874146/CAW NTIS

### **Health care services**

- Hospital/Healthcare: Marketing 1974-Jan 86 (194)  
PB86-856705/CAW MC
- \*Long Term Care: Home Health Services Feb 80-Nov 85 (154)  
PB86-851292/CAW NTIS

### **Health information systems**

- Health Information Systems Dec 70-Feb 86 (212)  
PB86-857794/CAW NTIS
- \*Medical Information Systems Nov 84-Oct 85 (55)  
PB85-869279/CAW Ei

### **Health insurance**

- Health Maintenance Organizations Jul 78-Mar 86 (245)  
PB86-861978/CAW NTIS

### **Health maintenance organizations**

- Health Maintenance Organizations Jul 78-Mar 86 (245)  
PB86-861978/CAW NTIS
- \*Health Maintenance Organizations and Health Care Costs Feb 85-Jan 86 (66)  
PB86-857026/CAW MC

### **Health manpower**

- \*Nurses: Manpower Supply, Needs, and Demand Jul 80-Feb 86 (345)  
PB86-860384/CAW NTIS
- \*Physicians: Manpower Supply, Needs, and Demand 1981-May 86 (158)  
PB86-868692/CAW NTIS

### **Health physics**

- \*Biological Effects of Microwaves 1978-Jul 86 (244)  
PB86-871662/CAW NTIS
- Laser Radiation: Biological Effects 1978-Jan 86 (125)  
PB86-856986/CAW NTIS
- \*Nonionizing Electromagnetic Radiation: Biological Effects Jul 83-Apr 86 (78)  
PB86-867066/CAW Ei
- Nonionizing Electromagnetic Radiation: Biological Effects 1972-Jul 86 (236)  
PB86-873080/CAW IAA

### **Health surveys**

- \*Acid Precipitation: Legal, Political, and Health Aspects Apr 85-Mar 86 (154)  
PB86-860475/CAW EDB

### **Hearing**

- Hearing Aids 1970-Sep 85 (138)  
PB85-868388/CAW Ei
- Hearing Aids 1975-Sep 85 (246)  
PB85-868487/CAW INSPEC

### **Hearing loss**

- Noise-Induced Hearing Loss 1972-May 85 (205)  
PB85-860591/CAW IAA

### **Heart diseases**

- Cardiac Pacemakers 1976-Apr 86 (220)  
PB86-864022/CAW EDB
- Cardiac Pacemakers 1970-Jul 85 (183)  
PB85-865087/CAW PTO
- Preventive Medicine: Cardiovascular Diseases 1970-Jul 85 (72)  
PB85-863975/CAW NTIS

### **Heart monitors**

- Cardiac Monitors: Design and Applications Jun 70-Apr 86 (214)  
PB86-866902/CAW NTIS

### **Heart valve prosthesis**

- Biomedical Engineering: Artificial Hearts and Heart Valves 1975-May 86 (184)  
PB86-867637/CAW INSPEC

### **Heat exchangers**

- Ceramic Heat Exchangers 1970-1986 (115)  
PB87-853040/CAW PTO
- Finned Tube Heat Exchangers 1974-1985 (342)  
PB86-854635/CAW Ei
- Heat Exchanger Tube Vibrations 1976-May 85 (103)  
PB85-859429/CAW EDB
- Heat Exchanger Tube Vibrations 1970-May 85 (154)  
PB85-861201/CAW Ei
- Heat Exchangers Used by the Food Industry 1972-Apr 86 (294)  
PB86-862919/CAW FSTA
- \*Heat Pipes Aug 85-Jul 86 (72)  
PB86-871886/CAW NTIS
- Heat Pipes 1970-NOV 85 (229)  
PB85-872562/CAW PTO

### **Heat loss**

- \*Thermal Insulation for Buildings Sep 82-May 86 (202)  
PB86-868320/CAW Ei

### **Heat pipes**

- \*Heat Pipes Aug 85-Jul 86 (72)  
PB86-871886/CAW NTIS
- Heat Pipes 1970-NOV 85 (229)  
PB85-872562/CAW PTO
- Heat Pipes: Aerospace Applications 1972-Aug 86 (243)  
PB86-874005/CAW IAA

### **Heat pumps**

- Heat Pumps: Performance and Economics 1982-Jan 86 (88)  
PB86-857034/CAW ISMEC

### **Heat recovery**

- \*Incineration Studies Oct 85-Sep 86 (96)  
PB86-875523/CAW Ei
- \*Incineration Studies Oct 84-Sep 86 (87)  
PB86-875655/CAW NTIS



- Solid Waste Incinerators 1970-Oct 86 (227)  
PB86-876455/CAW PTO
- Waste Heat Recovery: Textile Industry 1983-Aug 85 (63)  
PB85-865780/CAW WTA
- \*Waste Heat Utilization Nov 82-Jul 85 (257)  
Excludes total energy systems  
PB85-864239/CAW NTIS
- Waste Heat Utilization 1970-Sep 85 (201)  
PB85-867489/CAW PTO

### Heat resistant plastics

- Aramid Fibers 1970-Nov 86 (108)  
PB87-851838/CAW PTO
- Heat Resistant Plastics Excluding Nitrogen Compounds Sep 80-Sep 86 (180)  
PB86-875762/CAW NTIS
- Heat Resistant Polymers 1970-Nov 86 (79)  
PB87-850616/CAW PTO
- Heat Treatment of Thermoplastics and Thermosets 1973-Jul 86 (271)  
PB86-870748/CAW RAPRA
- Nitrogen Containing Heat Resistant Plastics 1976-Aug 86 (261)  
PB86-873866/CAW NTIS

### Heat shielding

- Heat Shields 1970-Jul 86 (126)  
PB86-870920/CAW Ei

### Heat storage

- Phase Change Materials 1970-Jun 85 (69)  
PB85-862373/CAW PTO
- \*Thermal Energy Storage May 83-Aug 85 (285)  
PB85-868511/CAW NTIS
- Thermal Energy Storage: Glauber's Salt 1976-Apr 86 (154)  
PB86-864733/CAW EDB

### Heat treatment

- Annealing and Lubricants for the Cold Rolling of Steels 1973-Jun 85 (323)  
PB85-863223/CAW ISMEC
- Heat Treatment of Gears Jun 70-Oct 85 (146)  
PB85-871523/CAW Ei
- \*Heat Treatment of Metals Using a Laser Beam 1983-Nov 85 (334)  
PB85-872125/CAW METADEX
- Heat Treatment of Thermoplastics and Thermosets 1973-Jul 86 (271)  
PB86-870748/CAW RAPRA
- \*Industrial Heating Technology Aug 83-1985 (66)  
PB86-855202/CAW Ei
- Integrated Circuits: Laser Annealing 1975-Sep 86 (109)  
PB86-875317/CAW INSPEC
- Laser Annealing and Hardening 1970-Jul 85 (68)  
PB85-864692/CAW PTO
- Microwave Heating: Industrial Applications 1970-Aug 86 (348)  
PB86-873551/CAW Ei
- Rapid Thermal Annealing 1975-Feb 86 (94)  
PB86-858776/CAW INSPEC

### Heating

- Computer Aided Design: Buildings and Building Systems 1970-Aug 86 (106)  
PB86-873908/CAW NTIS
- \*Industrial Heating Technology Aug 83-1985 (66)  
PB86-855202/CAW Ei
- Microprocessors: HVAC System Control 1979-Feb 86 (92)  
PB86-858727/CAW EDB
- Microwave Heating: Industrial Applications 1970-Aug 86 (348)  
PB86-873551/CAW Ei
- Waste Heat Recovery: Textile Industry 1983-Aug 85 (63)  
PB85-865780/CAW WTA

### Helicopter engines

- Gear Design and Testing 1972-Apr 86 (228)  
PB86-864766/CAW IAA
- Gear Design and Testing 1970-Aug 86 (309)  
PB86-873858/CAW NTIS
- Helicopter Engines Jun 74-Aug 85 (281)  
PB85-866093/CAW IAA
- Helicopter Engines Jun 70-Jul 86 (350)  
PB86-871233/CAW NTIS

### Helicopters

- Military Helicopters 1970-Mar 85 (346)  
PB85-856367/CAW Ei

### Heliostats

- \*Solar Energy Concentrator Design and Operation Feb 85-Mar 86 (94) Includes heliostats  
PB86-861507/CAW NTIS

### Helmets

- Helmet Mounted Displays 1974-Sep 86 (52)  
PB86-875572/CAW IAA
- Helmets: Construction, Effectiveness, and Human Factors 1970-Mar 86 (344)  
PB86-859923/CAW NTIS

### Herbicides

- Chemical and Biological Warfare: Defoliants and Herbicides 1970-Apr 86 (203)  
PB86-862653/CAW NTIS
- Herbicide Residues: Methods for the Detection and Monitoring 1970-Nov 86 (156)  
PB87-851846/CAW POLLUTION
- Herbicide Use in Food Production: Methods of Analysis 1975-Jul 86 (220)  
PB86-872421/CAW FSTA
- \*Pesticide Toxicity in Aquatic Environments Jun 83-Mar 86 (100)  
PB86-862786/CAW SWRA
- \*Toxicity of Pesticides Feb 85-Jan 86 (136)  
PB86-856945/CAW NTIS

### Hereditary diseases

- Genetic Counseling 1978-Aug 86 (188)  
PB86-874856/CAW LSC

### Herpes virus

- Herpes Virus 1970-Jan 86 (121)  
PB86-855293/CAW NTIS

### High energy batteries

- \*Lithium Batteries Oct 84-Sep 86 (200)  
PB86-875408/CAW Ei
- \*Lithium Batteries Nov 81 Aug 86 (273)  
PB86-872777/CAW NTIS

### High performance liquid chromatography

- High Performance Liquid Chromatographic Determination of Foods 1975-Jun 86 (349)  
PB86-869468/CAW FSTA
- \*High Performance Liquid Chromatography Jan 85-Dec 85 (196)  
PB86-854015/CAW Ei

### High speed photography

- High-speed Photography: Applications In Research and Development Nov 82-Sep 85 (82)  
PB85-868214/CAW Ei

### High temperature lubricants

- High Temperature Lubricants 1974-Aug 84 (348)  
PB85-800035/CAW API
- High Temperature Lubricants 1970-Jun 86 (89)  
PB86-869716/CAW PTO
- \*High Temperature Lubricants and Oils 1977-Sep 85 (174)  
PB86-875820/CAW NTIS

### Highway bridges

- \*Bridges: Construction and Construction Materials 1978-May 86 (201)  
PB86-868882/CAW NTIS

### Highway safety

- \*Drinking Drivers 1979-Mar 86 (305)  
PB86-859220/CAW NTIS
- Highway Safety Structures 1970-Mar 86 (182)  
PB86-859311/CAW NTIS

### Highways

- Computer Aided Design and Manufacturing: Civil Engineering and Construction 1970-Jun 86 (386)  
PB86-870805/CAW NTIS
- Highway Markings 1970-Apr 86 (167)  
PB86-862323/CAW NTIS
- Highway Traffic Detectors and Detection 1970-Aug 86 (158)  
PB86-873825/CAW NTIS
- Highway Traffic Noise 1970-Feb 85 (270)  
Includes planning, control, and tire noise studies  
PB85-855724/CAW NTIS
- Roads and Runways: Snow Removal and Deicing 1970-Aug 86 (199)  
PB86-873833/CAW NTIS
- Vehicular Traffic Control Jun 70-1985 (206)  
PB86-855467/CAW NTIS

### Hilbert transformation

- Hilbert Transformations for Communications and Information Theory Jun 72-Oct 85 (125)  
PB85-872083/CAW IAA
- Hilbert Transformations for Communications and Information Theory 1976-Feb 86 (148)  
PB86-860012/CAW INSPEC

### Hla typing

- Hla Typing 1978-Aug 85 (126)  
PB85-866275/CAW LSC

### Hoists

- \*Mine Hoists and Hauling Mar 82-Mar 86 (108)  
PB86-865516/CAW Ei
- Mine Hoists and Hauling 1970-Jun 86 (364)  
PB86-870557/CAW NTIS

### Holography

- Acoustic Holography: Image Reconstruction 1975-Aug 86 (323)  
PB86-873494/CAW INSPEC
- Holographic Interferometry 1970-May 86 (94)  
PB86-869054/CAW Ei
- Holographic Interferometry In Surface Analysis 1975-May 86 (76)  
PB86-869336/CAW INSPEC
- Holographic Theory and Recording Techniques 1970-Oct 82 (291) Excludes flow visualization, acoustic holography, and applications  
PB86-863347/CAW NTIS
- \*Holography: Applications 1979-Oct 82 (155) Excludes flow visualization, acoustic holography, and holographic theory and recording techniques  
PB86-863321/CAW NTIS
- Holography: Techniques, Materials, and Applications 1970-Jun 86 (221)  
PB86-869690/CAW PTO
- Holography: Theory, Recording Techniques, and Applications Nov 82-Apr 86 (189) Excludes acoustic holography and holographic flow visualization  
PB86-863222/CAW NTIS
- Non-Ultrasonic Acoustic Nondestructive Testing 1975-Jan 85 (255)  
PB85-854651/CAW INSPEC
- Nondestructive Testing: Acoustic Holography 1975-Sep 85 (295)  
PB85-868131/CAW INSPEC



- White Light Holography 1976-Nov 86 (68)  
PB87-851622/CAW IAA

## Home health care

- \*Long Term Care: Home Health Services Feb 80-Nov 85 (154)  
PB86-851292/CAW NTIS

## Hormones

- Growth Hormones 1970-Mar 86 (115)  
PB86-863271/CAW PTO
- Opioid Peptides 1978-Jan 86 (121)  
PB86-856796/CAW LSC
- Plant Growth Regulators: Vegetables and Grains 1978-May 86 (140)  
PB86-866126/CAW FSTA
- Plant Growth Regulators: Fruits 1978-Aug 85 (245)  
PB85-866879/CAW FSTA

## Hospices

- Hospices and Care of the Terminally Ill 1970-Aug 86 (160)  
PB86-874146/CAW NTIS

## Hospital information systems

- Health Information Systems Dec 70-Feb 86 (212)  
PB86-857794/CAW NTIS
- Hospital Information Systems 1970-Jan 86 (312)  
PB86-858115/CAW NTIS
- Medical Information Systems 1971-Apr 86 (327)  
PB86-864592/CAW NTIS

## Hospitals

- \*Health Care Costs: Health Care Facilities 1977-Feb 86 (333) Excludes nursing homes  
PB86-857786/CAW NTIS
- Hospital/Healthcare: Marketing 1974-Jan 86 (194)  
PB86-856705/CAW MC

## Hot melt adhesives

- Hot Melt Adhesives Jun 70-1985 (261)  
PB86-855871/CAW Ei
- Hot Melt Adhesives (Excluding Applications) 1973-Jul 86 (369)  
PB86-870730/CAW RAPRA
- Hot-Melt Adhesives 1970-Feb 86 (146)  
PB86-857950/CAW PTO

## Hough transforms

- Hough Transforms 1975-Apr 86 (67)  
PB86-865557/CAW INSPEC

## Human factors

- Anthropometry 1970-Jul 86 (157)  
PB86-873361/CAW Ei
- Anthropometry Jun 74-Apr 86 (149)  
PB86-864030/CAW IAA
- \*Anthropometry: Basic Studies and Applications 1976-Mar 86 (263)  
PB86-859212/CAW NTIS
- Comfort and Human Factors in Office and Residential Settings 1970-Jul 86 (124)  
PB86-873577/CAW NTIS
- Comfort Factors in Protective Clothing 1978-Apr 86 (132)  
PB86-866753/CAW WTA
- Ergonomics and Productivity 1975-Jun 86 (55) Excludes human engineering factors specific to video display units  
PB86-871381/CAW INSPEC
- Helmet Mounted Displays 1974-Sep 86 (52)  
PB86-875572/CAW IAA
- Human Factors Engineering in Motor Vehicles 1976-Feb 86 (173)  
PB86-858594/CAW Ei

- Nuclear Control Rooms: Human Factors Engineering 1980-Aug 86 (168)  
PB86-874013/CAW EDB
- Video Display Terminals: Operator Protection and Ergonomics 1983-Apr 86 (150)  
PB86-864840/CAW COM
- Video Display Terminals: Operator Protection and Ergonomics 1982-1986 (92)  
PB87-852752/CAW INSPEC

## Hurricanes

- Hurricanes and Tropical Cyclones 1974-1986 (323)  
PB87-852067/CAW OCEANIC

## Hybrid microcircuits

- Hybrid Microelectronic Circuits Jun 76-Apr 85 (93)  
PB85-858439/CAW EDB
- Hybrid Microelectronic Circuits Jun 74-Oct 85 (305)  
PB85-869253/CAW IAA

## Hybridization

- Hybridization Probes 1978-Aug 85 (83)  
PB85-865731/CAW LSC

## Hydraulic fluids

- Fracturing Fluids 1970-Jun 85 (85)  
PB85-863173/CAW PTO

## Hydraulic fluids

- Jet Cutting: High Pressure 1974-Oct 86 (264)  
PB87-850145/CAW BHRA FLUID

## Hydraulic equipment

- Aircraft Hydraulic Systems 1970-Jun 85 (76)  
PB85-862548/CAW PTO

## Hydraulic fluids

- \*High Temperature Lubricants and Oils 1977-Sep 86 (174)  
PB86-875820/CAW NTIS
- Hydraulic Fluids: Filters 1974-Apr 85 (253)  
PB85-860526/CAW BHRA FLUID

## Hydraulic turbines

- \*Hydraulic Turbines for Electric Power Generation May 83-Nov 85 (149)  
PB85-871382/CAW EDB
- Hydraulic Turbines for Electric Power Generation 1973-May 85 (237)  
PB85-860906/CAW ISMEC
- Hydraulic Turbines For Electric Power Generation 1970-May 85 (155)  
PB85-860773/CAW NTIS

## Hydrazine

- Hydrazine: Corrosion Control 1976-Nov 85 (100)  
PB86-851417/CAW EDB

## Hydrocracking

- Hydrocracking 1970-Nov 84 (336)  
PB85-851236/CAW Ei

## Hydrodynamics

- \*Cavitation: Cavitation Flow 1974-Jul 86 (369)  
PB86-871035/CAW NTIS
- Marine Propellers: Mechanical Properties and Hydrodynamics 1970-Nov 84 (183)  
PB85-851004/CAW Ei

## Hydroelectric power generation

- \*Hydraulic Turbines for Electric Power Generation May 83-Nov 85 (149)  
PB85-871382/CAW EDB
- Hydraulic Turbines for Electric Power Generation 1973-May 85 (237)  
PB85-860906/CAW ISMEC

- Hydraulic Turbines For Electric Power Generation 1970-May 85 (155)  
PB85-860773/CAW NTIS

- Small Scale Hydropower Feb 84-Jun 85 (127)  
PB85-862886/CAW EDB

- Small Scale Hydropower 1978-Jan 84 (283)  
PB85-862878/CAW Ei

## Hydrogels

- \*Hydrophobic Polymers Mar 83-May 86 (214)  
PB86-869450/CAW RAPRA
- \*Polymeric Gels and Hydrogels Dec 85-Nov 86 (67)  
PB87-851242/CAW Ei

## Hydrogen

- Catalytic Recombination of Hydrogen and Oxygen Jun 76-Apr 86 (121)  
PB86-867660/CAW EDB
- Hydrogen Storage: Storage as a Gas or Liquid 1974-Feb 86 (148)  
PB86-857885/CAW NTIS
- Hydrogen Use as a Fuel 1970-Feb 86 (192)  
PB86-858610/CAW NTIS

## Hydrogen chloride

- Hydrogen Chloride and Hydrochloric Acid Air Pollution 1976-1985 (223)  
PB86-854262/CAW EDB
- Hydrogen Chloride Air Pollution 1970-Apr 86 (202)  
PB86-863883/CAW NTIS

## Hydrogen embrittlement

- \*Hydrogen Embrittlement of Metals Apr 84-Apr 86 (194)  
PB86-862398/CAW Ei
- \*Hydrogen Embrittlement of Metals 1981-Sep 86 (239)  
PB86-874336/CAW NTIS
- Hydrogen Embrittlement: Aluminum and Aluminum Alloys 1973-May 85 (149)  
PB85-859932/CAW IAA

## Hydrogen fluoride lasers

- \*Hydrogen Fluoride and Deuterium Fluoride Lasers 1976-Jan 86 (254)  
PB86-857802/CAW NTIS

## Hydrogen production

- \*Hydrogen Production Sep 84-Sep 85 (89) Primarily cites large scale manufacturing techniques  
PB85-868248/CAW NTIS
- Hydrogen Use as a Fuel 1970-Feb 86 (192)  
PB86-858610/CAW NTIS

## Hydrogen storage

- Hydrogen Storage: Storage as a Gas or Liquid 1974-Feb 86 (148)  
PB86-857885/CAW NTIS
- Hydrogen Use as a Fuel 1970-Feb 86 (192)  
PB86-858610/CAW NTIS

## Hydrogenation

- Hydrocracking 1970-Nov 84 (336)  
PB85-851236/CAW Ei

## Hydrographic surveys

- Hydrographic Surveys and Surveying 1974-Mar 85 (195)  
PB85-856359/CAW OCEANIC

## Hydrology

- Computerized Management and Simulation of Groundwater Resources 1977-Jun 85 (330)  
PB85-862613/CAW SWRA



- Stream Erosion and Scouring Processes 1970-Aug 86 (124) Excludes sediment transport and runoff erosion studies  
PB86-873817/CAW NTIS
- Strip Mining: Hydrology 1977-Jan 86 (263)  
PB86-857257/CAW SWRA
- Urban Hydrology: Watershed Management and Urban Runoff 1977-Mar 86 (297)  
PB86-861002/CAW SWRA
- \*Water Quality Modeling: Hydrological and Limnological Systems Oct 81-Sep 86 (90)  
PB86-874195/CAW NTIS
- \*Water Quality Modeling: Hydrological Systems Apr 83-Jan 86 (210)  
PB86-854973/CAW SWRA

## Hydrometallurgy

- Extractive Metallurgy 1970-May 85 (280)  
PB85-860005/CAW Ei
- Hydrometallurgy Techniques and Processes 1970-Jun 85 (293)  
PB85-863652/CAW Ei

## Hydrophilic polymers

- \*Hydrophobic Polymers Mar 83-May 86 (214)  
PB86-869450/CAW RAPRA
- \*Polymeric Gels and Hydrogels Dec 85-Nov 86 (67)  
PB87-851242/CAW Ei

## Hydroplaning

- Tire Hydroplaning 1970-Jan 86 (162)  
PB86-856010/CAW NTIS

## Hydroponics

- Hydroponics 1970-Sep 85 (145)  
PB85-867729/CAW PTO

## Hydrostatic pressing

- Hydrostatic Pressing of Metals and Metal Composites 1966-Feb 86 (135)  
PB86-858206/CAW METADEX

## Hydrothermal vents

- Marine Hydrothermal Vents 1977-Aug 85 (73)  
PB85-865897/CAW OCEANIC

## Hyperbaric conditions

- Decompression Sickness Physiology 1974-Aug 85 (271)  
PB85-864205/CAW OCEANIC
- Hyperbaric Medicine: Decompression Sickness 1974-Feb 86 (207)  
PB86-860715/CAW OCEANIC

## Hypercubes

- Hypercube Techniques 1975-Apr 86 (65)  
PB86-865359/CAW INSPEC

## Hypersensitivity

- Food Allergy and Hypersensitivity 1973-1985 (224)  
PB86-854999/CAW FSTA
- Food Allergy and Hypersensitivity 1980-Jun 86 (130)  
PB86-871506/CAW LSC

## Hypnotics and sedatives

- \*Psychotropic Drug Research Dec 81-1984 (56)  
PB85-853232/CAW NTIS

## Hypothermia

- \*Hypothermia Jun 80-Jul 85 (61)  
PB85-865244/CAW NTIS

## Ibm 370 computers

- IBM System 370 1975-Oct 86 (155)  
PB86-876687/CAW INSPEC

## Ice

- Oil Spills: Environmental Effects 1977-May 86 (311)  
PB86-867447/CAW SWRA

## Ice detection

- \*Ice and Fog: Detection and Warning Systems Dec 85-Nov 86 (54)  
PB87-850962/CAW NTIS

## Ice removal

- \*Deicing Techniques and Equipment Apr 83-Apr 86 (76)  
PB86-865474/CAW NTIS

## Icebergs

- \*Sea Ice Dec 82-May 85 (228)  
PB85-860120/CAW INSPEC

## Icebreakers

- Icebreakers and Icebreaking 1970-1984 (209)  
PB85-851483/CAW NTIS
- Icebreakers and Icebreaking 1974-Mar 86 (214)  
PB86-860772/CAW OCEANIC

## Inflatable structures

- Inflatable Fabrics 1975-Feb 86 (73)  
PB86-860665/CAW WTA

## Image devices

- Charge Coupled Device Imaging 1975-Feb 86 (310)  
PB86-857562/CAW INSPEC
- Infrared Imaging 1970-Jul 86 (104) Excludes infrared detectors  
PB86-872264/CAW PTO
- Three Dimensional Medical Imaging 1974-1986 (233)  
PB87-853024/CAW INSPEC

## Image intensifiers

- Microchannel Plates: Characteristics and Applications 1975-Mar 86 (285)  
PB86-861606/CAW INSPEC
- Night Vision Devices 1970-Jun 86 (309)  
PB86-871415/CAW NTIS
- Night Vision Devices 1970-Jun 86 (49)  
PB86-871357/CAW PTO
- X-Ray Image Intensifier Technology 1974-Jul 86 (118)  
PB86-873239/CAW INSPEC

## Image processing

- Acoustic Holography: Image Reconstruction 1975-Aug 86 (323)  
PB86-873494/CAW INSPEC
- \*Artificial Intelligence Apr 83-1984 (188)  
PB86-852860/CAW Ei
- Digital Image Processing Algorithms 1975-Oct 86 (140)  
PB86-877404/CAW INSPEC
- Hough Transforms 1975-Apr 86 (67)  
PB86-865557/CAW INSPEC
- Image Data Compression 1970-May 86 (57)  
PB86-867918/CAW PTO
- Image Processing 1970-Feb 86 (84)  
PB86-858800/CAW PTO
- Nuclear Magnetic Resonance Imaging 1970-May 86 (56)  
PB86-867900/CAW PTO
- Parallel Image Processing 1975-Jun 86 (114)  
PB86-869872/CAW INSPEC
- \*Pattern Recognition and Image Processing Feb 85-Jan 86 (140) Excludes optical character recognition  
PB86-855780/CAW NTIS
- Pattern Recognition: Computational Geometry 1975-Sep 86 (56)  
PB86-875333/CAW INSPEC

- Photogrammetry: Equipment and Image Processing 1975-Nov 86 (310)  
PB87-850376/CAW INSPEC
- Pipelined Architecture in Data and Image Processing 1975-May 86 (94)  
PB86-868007/CAW INSPEC
- Synthetic Aperture Radars: Spaceborne & Airborne Land & Sea Observation Systems 1978-1986 (167)  
PB87-853057/CAW IAA

## Immobilized cells

- \*Immobilized Microbial Cells: Production and Conversion of Products Oct 84-Nov 85 (82)  
PB86-852092/CAW LSC

## Immobilized enzymes

- Immobilized Enzymes 1970-Apr 86 (105)  
PB86-863941/CAW PTO
- \*Immobilized Microbial Enzyme Systems: Preparation and Properties Oct 83-May 86 (137)  
PB86-867611/CAW LSC

## Immunoblot techniques

- Immunoblot Techniques 1978-Sep 86 (63)  
PB86-875283/CAW LSC

## Immunologic diseases

- \*Acquired Immune Deficiency Syndrome Jun 84-Mar 86 (335)  
PB86-861028/CAW LSC

## Immunology

- Cell Sorting 1978-Aug 85 (58)  
PB85-865756/CAW LSC
- Cryopreservation Methods in Immunology 1978-Aug 85 (59)  
PB85-865830/CAW LSC
- Cyclosporines and Immunosuppression 1978-Oct 83 (157)  
PB86-850963/CAW LSC
- Cyclosporins and Immunosuppression Nov 83-Nov 85 (219)  
PB86-850971/CAW LSC
- Enzyme Linked Immunosorbent Assays 1970-Apr 86 (106)  
PB86-865219/CAW PTO
- Genetic Engineering: Monoclonal Antibodies 1980-Feb 85 (50)  
PB85-855369/CAW PTO
- Human T Cell Lymphotropic Virus III (HTLV III) 1978-Mar 86 (54)  
PB86-864055/CAW LSC
- Human Transferrin 1978-1986 (159)  
PB87-852992/CAW LSC
- Infectious Disease Vaccines 1970-Aug 85 (126)  
PB85-866309/CAW PTO
- Interferon Research 1984-Mar 85 (143)  
PB85-857423/CAW FEDRIP
- Polyclonal Antibodies 1978-Sep 86 (135)  
PB86-874377/CAW LSC
- Radioimmunoassay Principles and Techniques 1975-Feb 86 (126)  
PB86-861457/CAW INSPEC

## Implants

- Biocompatibility of Surgical and Dental Implant Materials 1974-Nov 85 (171)  
PB85-872695/CAW Ei
- Biocompatibility of Surgical and Dental Implant Materials 1970-Apr 86 (217)  
PB86-866860/CAW NTIS
- Ceramic Prosthetic and Implant Devices 1970-May 86 (70)  
PB86-868072/CAW PTO
- Dental Prostheses and Implants 1970-Jan 86 (223)  
PB86-856291/CAW PTO



- Implantation Devices for Administering Medicines 1970-Oct 86 (110)  
PB86-877230/CAW PTO
- Metal Surgical and Dental Implants 1969-Feb 86 (326)  
PB86-858933/CAW METADEX
- Transdermal Drug Release 1970-Apr 86 (55)  
PB86-863214/CAW PTO

### Incentive plans

- Flexitime 1974-May 86 (248)  
PB86-866613/CAW MC  
Incentive Contracts 1970-Jun 85 (193)  
PB85-862803/CAW NTIS

### Incinerators

- Fluidized Bed Combustion 1964-Aug 84 (161)  
PB85-800027/CAW API
- \*Fluidized Bed Combustion 1984-Jan 86 (251)  
PB86-855327/CAW NTIS
- \*Incineration Studies Oct 85-Sep 86 (96)  
PB86-875523/CAW Ei
- \*Incineration Studies Oct 84-Sep 86 (87)  
PB86-875655/CAW NTIS
- Solid Waste Incinerators 1970-Oct 86 (227)  
PB86-876455/CAW PTO

### Inclusions

- Aluminum and Aluminum Alloys: Nonmetallic Inclusions 1967-1985 (350)  
PB86-855418/CAW METADEX

### Indoor air pollution

- Air Ventilation and Filtration 1970-May 86 (291)  
PB86-867785/CAW NTIS
- Cigarette Smoking 1970-Feb 86 (299)  
PB86-859550/CAW NTIS  
Diagnosis of Occupational Pulmonary Disorders 1976-Nov 84 (183)  
PB85-850873/CAW EDB  
Gas Detection in Underground Coal Mines 1977-Apr 85 (115)  
PB85-857951/CAW EDB
- \*Indoor Air Pollution Nov 84-Oct 86 (386)  
PB86-877362/CAW EDB
- Indoor Air Pollution: Sources and Control 1970-Nov 86 (118) Indoor air pollution from radon and asbestos are included in other bibliographies  
PB87-851754/CAW NTIS
- Radon Detection and Measurement 1970-Aug 86 (156)  
PB86-874740/CAW Ei
- Radon Detection in Homes and Buildings 1970-Oct 86 (86)  
PB87-850038/CAW NTIS  
Welding: Personnel Safety 1970-Jun 85 (174)  
PB85-862159/CAW NTIS
- \*Chromium Toxicity 1978-1986 (375)  
PB87-852398/CAW LSC
- Coal Tar Hazards 1976-Feb 86 (207)  
PB86-859691/CAW EDB  
Diagnosis of Occupational Pulmonary Disorders 1976-Nov 84 (183)  
PB85-850873/CAW EDB  
Eye Safety: Irritants, Exposure Effects, and Protective Devices 1976-Oct 85 (250)  
PB85-869345/CAW EDB  
Eye Safety: Irritants, Exposure Effects, and Protective Devices 1975-Jun 85 (127)  
PB85-862779/CAW INSPEC
- Eye Safety: Irritants, Exposure Effects, and Protective Devices 1970-Mar 86 (359)  
PB86-863057/CAW NTIS  
Formaldehyde Jun 76-Jul 85 (142)  
PB85-863785/CAW EDB  
Gas Detection in Underground Coal Mines 1977-Apr 85 (115)  
PB85-857951/CAW EDB
- \*Indoor Air Pollution Nov 84-Oct 86 (386)  
PB86-877362/CAW EDB
- Indoor Air Pollution: Sources and Control 1970-Nov 86 (118) Indoor air pollution from radon and asbestos are included in other bibliographies  
PB87-851754/CAW NTIS  
Industrial Hygiene 1974-May 85 (273)  
PB85-860492/CAW MC
- Lead Exposure: Public and Occupational Health Hazards 1972-Apr 86 (160)  
PB86-865698/CAW POLLUTION
- \*Mine Safety: Occupational Health--General Studies Sep 80-Feb 85 (247)  
PB85-855575/CAW NTIS
- Occupational Health Services and Employee Health Programs 1970-Feb 86 (167)  
PB86-857810/CAW NTIS
- \*Protective Clothing: Industrial Environments 1985-Jan 86 (56)  
PB86-858107/CAW NTIS
- Safety in the Chemical Industry 1970-Feb 86 (262)  
PB86-860004/CAW Ei  
Styrenes: Industrial Health Hazards 1977-Nov 85 (179)  
PB85-871879/CAW RAPRA  
Toxic Material Control in the Metal Joining and Finishing Industries 1966-Apr 85 (240)  
PB85-857449/CAW METADEX
- \*Toxicity of Fibers Jul 83-Oct 86 (389)  
PB87-850236/CAW EDB
- Toxicity of Fibers and Fiber Composites 1970-Jul 86 (327)  
PB86-870664/CAW NTIS  
Toxicity of Transition Metals and Transition Metal Compounds Jun 70-Oct 85 (194)  
PB85-869964/CAW Ei  
Welding: Personnel Safety 1973-May 85 (123)  
PB85-860104/CAW ISMEC  
Welding: Personnel Safety 1966-Jul 85 (171)  
PB85-865020/CAW METADEX  
Welding: Personnel Safety 1970-Jun 85 (174)  
PB85-862159/CAW NTIS

### Industrial heating

- \*Industrial Heating Technology Aug 83-1985 (68)  
PB86-855202/CAW Ei
- Microwave Heating: Industrial Applications 1970-Aug 86 (348)  
PB86-873551/CAW Ei

### Industrial medicine

- \*Air Sampling Devices Feb 85-Jan 86 (57)  
PB86-855434/CAW EDB
- Asbestos: Chronic Health Effects 1978-Apr 86 (301)  
PB86-866332/CAW LSC
- Asbestos: Industrial Applications and Precautions 1974-1985 (146)  
PB86-857174/CAW ISMEC
- Benzene Toxicity 1978-Nov 85 (216)  
PB86-852597/CAW LSC
- \*Chromatography for Air Pollution Analysis Jul 85-Jun 86 (103)  
PB86-869559/CAW EDB

### Industrial plants

- Dust Explosions: Combustible Particles and Control 1970-Nov 85 (208)  
PB86-851284/CAW Ei
- Dust Explosions: Combustible Particles and Controls 1970-Oct 86 (207)  
PB86-877420/CAW NTIS
- \*Energy Conservation: Industry Feb 83-Nov 85 (134) Excludes waste heat utilization  
PB86-851896/CAW NTIS
- Factory Layout Apr 75-Sep 84 (201)  
PB86-851748/CAW Ei
- Factory Layout Jun 70-1985 (264)  
PB86-854114/CAW NTIS

- Industrial Noise Control: Architectural and Environmental Aspects 1975-May 86 (276)  
PB86-864337/CAW INSPEC
- Manufacturing Cells 1980-Aug 86 (90)  
PB86-873155/CAW INSPEC
- Plant Closings and Relocations 1974-Jul 86 (226) Employee relocation, outplacement services, and employee ownership are covered in other bibliographies  
PB86-872199/CAW MC
- Polymer Powder Coatings: Industrial and Building Applications 1973-Feb 86 (115)  
PB86-857588/CAW RAPRA

### Industrial production

- \*Food Bottling Lines and Plants Oct 83-May 86 (137)  
PB86-867256/CAW FSTA
- Industrial Fabrics 1975-Feb 86 (248)  
PB86-859881/CAW WTA
- Manufacturing Resource Planning 1975-Jan 86 (74)  
PB86-855632/CAW INSPEC
- \*Microprocessors: Industrial Process Control Applications Aug 84-1986 (182)  
PB87-852273/CAW Ei
- Production Engineering 1978-Apr 86 (310) Excludes robotics and computer aided manufacturing  
PB86-863651/CAW NTIS

### Industrial psychology

- Job Stress: Occurance and Prevention 1974-Jul 86 (102)  
PB86-873148/CAW MC

### Industrial relations

- Employee Relocation 1974-Jul 86 (145)  
PB86-872462/CAW MC
- Plant Closings and Relocations 1974-Jul 86 (226) Employee relocation, outplacement services, and employee ownership are covered in other bibliographies  
PB86-872199/CAW MC

### Industrial waste treatment

- \*Activated Carbon 1979-Sep 85 (269) Includes activated carbon treatment of sewage  
PB85-867539/CAW NTIS
- Activated Charcoal 1970-Oct 86 (121) Excludes activated carbon  
PB86-875622/CAW Ei  
\*Activated Sludge Treatment 1982-Mar 85 (107)  
PB85-856615/CAW LSC  
Adsorption Processes: Pulp Mill Pollutants 1975-Apr 85 (215)  
PB85-858090/CAW PIRA
- \*Food Processing Waste Treatment 1976-1985 (160)  
PB88-854247/CAW NTIS
- Polyelectrolytes: Wastewater and Sewage Treatment 1977-May 86 (140)  
PB86-867694/CAW SWRA
- \*Waste Treatment by Reverse Osmosis and Membrane Processes: Industrial 1976-Jun 86 (225) Excludes desalination of natural waters  
PB86-870706/CAW Ei
- \*Waste Treatment by Reverse Osmosis and Membrane Processing 1978-Sep 86 (268) Excludes desalination of natural waters  
PB86-875499/CAW NTIS
- Waste Water Treatment Jun 76-May 86 (250) Includes industrial waste treatment; excludes mining wastes  
PB86-867702/CAW EDB
- Wastewater and Water Treatment: Anion Exchange 1977-Feb 86 (122)  
PB86-858297/CAW SWRA



- Wastewater Treatment Jun 70-May 86 (263)  
Includes industrial waste treatment; excludes mining wastes  
PB86-867850/CAW Ei
- Wastewater Treatment by Sand Filtration 1977-Feb 86 (107)  
PB86-860053/CAW SWRA  
Wastewater Treatment: Chemical Industry 1970-Oct 85 (224)  
PB85-870145/CAW POLLUTION
- Wastewater Treatment: Lagoons 1977-May 86 (276)  
PB86-867884/CAW SWRA
- Wastewater Treatment: Ozonation Processes and Equipment 1977-Aug 86 (268)  
PB86-872942/CAW SWRA

## Industrial wastes

- Biomass Conversion: Methane Production from Industrial, Municipal, and Marine Wastes 1978-Oct 85 (128)  
PB85-869139/CAW EDB
- Flare Emissions and Control 1976-1985 (110)  
PB86-854254/CAW EDB
- Polychlorinated Biphenyls: Occurrence and Treatment in Municipal and Industrial Wastes 1977-Jan 86 (104)  
PB86-857083/CAW SWRA  
Sludge Dewatering: Industrial Wastes and Sewage 1976-Jun 85 (272)  
PB85-862407/CAW EDB
- Sludge Dewatering: Sewage and Industrial Wastes 1978-May 85 (182)  
PB85-860732/CAW POLLUTION

## Industries

- Automobile Industry: Economics, Engineering, and Manufacturing 1970-1986 (242) Excludes vehicle certification applications  
PB87-852505/CAW NTIS
- Automobile Industry: International Cooperation and Competition 1974-Nov 86 (144)  
PB87-852216/CAW MC
- \*Energy Conservation: Industry Feb 83-Nov 85 (134) Excludes waste heat utilization  
PB86-851896/CAW NTIS
- Semiconductor Industry: Japanese Competition 1983-Aug 86 (145)  
PB86-873007/CAW COM

## Inertial navigation and guidance

- \*Inertial Navigation and Guidance 1981-Aug 86 (190)  
PB86-872678/CAW NTIS

## Infant care

- Dietetic Foods: Infant Foods and Therapeutic Products 1974-Sep 85 (223)  
PB85-868693/CAW FSTA
- Fetal and Infant Monitoring Applications 1974-Apr 86 (132)  
PB86-863586/CAW Ei
- Infant Foods: Nutritional Value 1972-Apr 86 (137)  
PB86-865706/CAW FSTA

## Infectious diseases

- \*Acquired Immune Deficiency Syndrome Jun 84-Mar 86 (335)  
PB86-861028/CAW LSC  
Brucellosis Diagnosis 1978-Aug 85 (162)  
PB85-866184/CAW LSC
- \*Coccidiosis Dec 80-Nov 85 (237)  
PB86-851631/CAW LSC
- Human T Cell Lymphotropic Virus III (HTLV III) 1978-Mar 86 (54)  
PB86-864055/CAW LSC  
Infectious Disease Vaccines 1970-Aug 85 (126)  
PB85-866309/CAW PTO

Waterborne Human Diseases 1977-Feb 85 (197)  
PB86-855989/CAW SWRA

## Inflatable structures

- Inflatable Structures 1972-Jun 86 (193)  
PB86-870094/CAW IAA  
Inflatable Structures and Equipment 1977-Nov 85 (212)  
PB86-850229/CAW RAPRA

## Information processing

- Customer Information Control Service 1975-Jan 86 (59)  
PB86-856655/CAW INSPEC
- Data Base Languages 1970-Apr 86 (183)  
PB86-866282/CAW Ei
- \*Information Processing in Humans Mar 82-Nov 86 (339)  
PB87-850673/CAW NTIS
- Integrated Database Management System-IDMS Nov 75-Jan 86 (63)  
PB86-856069/CAW INSPEC
- Natural Language Processing 1970-Apr 86 (266)  
PB86-864642/CAW Ei
- \*Natural Language Processing 1978-Oct 86 (290)  
PB86-876521/CAW NTIS
- Structured Query Language 1975-Jan 86 (69)  
PB86-855681/CAW INSPEC

## Information retrieval

- Bibliographic Software 1983-Jul 86 (57)  
PB86-872181/CAW COM
- Computer Assisted Retrieval 1975-Jan 86 (85)  
PB86-863875/CAW INSPEC
- Database Gateway Systems 1983-Jul 86 (107)  
PB86-872900/CAW COM
- Database Gateway Systems 1975-Jan 86 (72)  
PB86-858826/CAW INSPEC
- Document Retrieval Automation 1975-Nov 85 (295)  
PB86-851904/CAW INSPEC
- Documentation and Information: User Needs 1981-Jun 86 (281)  
PB86-868536/CAW NTIS
- On-Line Information Searching Systems and Methods 1975-Feb 86 (250)  
PB86-858222/CAW INSPEC
- On-Line Search Strategies: Beyond the Basics 1983-Jul 86 (63)  
PB86-873270/CAW COM
- Optical Disc Systems for Information Storage and Retrieval 1975-Nov 86 (145)  
PB87-850517/CAW INSPEC
- Selective Dissemination of Information 1975-Apr 86 (204)  
PB86-865110/CAW INSPEC

## Information systems

- Automatic Library and Documentation 1970-Apr 85 (131)  
PB85-858678/CAW Ei
- Bibliographic Software 1983-Jul 86 (57)  
PB86-872181/CAW COM
- Computer Crime 1975-Oct 86 (311) Excludes software piracy  
PB86-876240/CAW INSPEC
- \*Computer Information Security and Protection May 85-Apr 86 (94)  
PB86-862968/CAW Ei
- \*Computer Information Security and Protection Jun 85-Apr 86 (52)  
PB86-865334/CAW NTIS
- Database Design 1975-Jan 86 (61) Excludes database management systems  
PB86-855640/CAW INSPEC
- Database Design: Excludes Database Management 1983-Jun 86 (170)  
PB86-871746/CAW COM

- Distributed Information Systems 1975-Apr 86 (103)  
PB86-866829/CAW INSPEC
- Engineering Information Systems Jun 70-Jul 86 (247)  
PB86-871613/CAW Ei  
Engineering Information Systems Jun 70-Aug 85 (269)  
PB85-866994/CAW NTIS
- \*Expert Computer Systems Feb 85-Jan 86 (400)  
PB86-855244/CAW INSPEC
- Freedom of Information and Privacy 1974-Jun 86 (197)  
PB86-869229/CAW MC
- Health Information Systems Dec 70-Feb 86 (212)  
PB86-857794/CAW NTIS
- Home Video Transactions 1975-Feb 86 (164)  
PB86-857455/CAW INSPEC
- Hospital Information Systems 1970-Jan 86 (312)  
PB86-858115/CAW NTIS
- \*Management Information Systems Nov 77-Mar 85 (334) Excludes urban information systems and health/medical applications  
PB85-856979/CAW NTIS
- \*Medical Information Systems Nov 84-Oct 85 (55)  
PB85-869279/CAW Ei  
Medical Information Systems 1976-Oct 84 (184)  
PB85-850279/CAW INSPEC
- Medical Information Systems 1971-Apr 86 (327)  
PB86-864592/CAW NTIS
- Microcomputers: Apple Computers in Medicine and in the Laboratory 1980-May 86 (187)  
PB86-868874/CAW INSPEC
- MUMPS: Massachusetts General Hospital Utility Multiprogramming System 1975-Oct 86 (138)  
PB86-876760/CAW INSPEC
- \*On-Line Information Retrieval Systems 1982-Feb 86 (304)  
PB86-857463/CAW NTIS
- On-Line Information Searching Systems and Methods 1975-Feb 86 (250)  
PB86-858222/CAW INSPEC
- On-Line Search Strategies: Beyond the Basics 1983-Jul 86 (63)  
PB86-873270/CAW COM
- Selective Dissemination of Information 1975-Apr 86 (204)  
PB86-865110/CAW INSPEC

## Information theory

- Hilbert Transformations for Communications and Information Theory Jun 72-Oct 85 (125)  
PB85-872083/CAW IAA
- Hilbert Transformations for Communications and Information Theory 1976-Feb 86 (148)  
PB86-860012/CAW INSPEC
- \*Information and Communication Theory Jun 81-Jan 86 (338)  
PB86-856002/CAW NTIS

## Infrared communications

- Infrared Communications Jun 70-Jan 86 (270)  
PB86-857620/CAW Ei
- \*Infrared Communications Mar 82-Mar 86 (200)  
PB86-863388/CAW INSPEC
- Infrared Remote Control 1975-Feb 86 (138)  
PB86-862133/CAW INSPEC
- \*Light Communication Systems Dec 85-Nov 86 (65)  
PB87-851549/CAW NTIS

## Infrared detection

- Forward Looking Infrared Detectors Jun 73-Apr 86 (147)  
PB86-862828/CAW IAA



- Forward Looking IR Detectors 1973-Jan 86 (263)  
PB86-856267/CAW NTIS
- Infrared Detectors 1970-Jan 86 (221)  
PB86-855715/CAW PTO
- Infrared Imaging 1970-Jul 86 (104) Excludes infrared detectors  
PB86-872264/CAW PTO
- Infrared Imaging Technology: Testing 1975-Nov 86 (177)  
PB87-851101/CAW INSPEC
- Night Vision Devices 1970-Jun 86 (309)  
PB86-871415/CAW NTIS
- Night Vision Devices 1970-Jun 86 (49)  
PB86-871357/CAW PTO
- Nondestructive Testing: Infrared Techniques 1970-Aug 86 (196)  
PB86-873114/CAW Ei
- Nondestructive Testing: Infrared Techniques 1975-May 86 (165)  
PB86-867645/CAW INSPEC

### Infrared medical applications

- Infrared Imaging Technology: Medical Applications 1975-Nov 86 (129)  
PB87-850384/CAW INSPEC

### Infrared spectroscopy

- \*Fourier Transform Infrared Spectroscopy Feb 82-Apr 86 (277)  
PB86-866340/CAW Ei
- Fourier Transform Infrared Spectroscopy 1970-1986 (288)  
PB87-852018/CAW NTIS

### Infrared upconversion

- Infrared Upconversion 1970-Jan 86 (192)  
PB86-858867/CAW NTIS

### Infrasonic radiation

- Infrasonics: Theory and Applications 1975-Aug 86 (183)  
PB86-874922/CAW INSPEC

### Ingestion(Engines)

- Bird Strikes and Aviation Safety 1970-1985 (176) Includes windshield strikes and engine ingestion  
PB86-854213/CAW NTIS

### Initiators(Explosives)

- Electroexplosive Devices Jun 74-Aug 86 (119)  
PB86-873460/CAW IAA

### Injection lasers

- Superluminescent Diodes and Lasers 1975-Feb 86 (62)  
PB86-860400/CAW INSPEC

### Injection molding

- \*Injection Molding of Polypropylenes Jul 82-Jun 85 (178)  
PB85-861508/CAW RAPRA
- \*Injection Molding Machinery and Accessories Dec 85-Nov 86 (298)  
PB87-851507/CAW RAPRA
- Reaction Injection Molding 1970-Feb 85 (52)  
PB85-855419/CAW PTO
- Reaction Injection Molding of Elastomers Jun 70-Oct 86 (293)  
PB86-876992/CAW Ei
- \*Reaction Injection Molding: Polyamide and Polyurethane Resins 1973-Mar 86 (277)  
PB86-863420/CAW RAPRA
- Reaction Injection Molding: Polyamide and Polyurethane Resins (Applications) 1973-Mar 86 (260)  
PB86-862224/CAW RAPRA
- Recycling Plastic Scrap: Injection Molding 1973-May 86 (58)  
PB86-869484/CAW RAPRA

### Inks

- Ink Drying: Radio Frequency and Electron Beam Processes 1976-Mar 86 (146)  
PB86-862679/CAW PIRA
- Inks and Coatings: Rheological Behavior 1976-Oct 85 (242)  
PB85-870871/CAW PIRA
- Optical Properties of Paint, Ink, and Paper 1980-Nov 85 (57)  
PB85-872414/CAW WSC
- Printing Inks Jun 70-1985 (203)  
PB86-854692/CAW Ei
- \*Printing Inks: Water-Based Aug 81-Apr 86 (211)  
PB86-864923/CAW PIRA
- Rheology of Coatings 1980-Mar 86 (234)  
PB86-862729/CAW WSC

### Inorganic polymers

- Inorganic Polymers 1976-Oct 86 (148)  
PB86-875929/CAW EDB
- Inorganic Polymers 1970-Nov 86 (290)  
PB87-850632/CAW Ei
- Inorganic Polymers 1970-Apr 86 (159)  
PB86-866944/CAW NTIS

### Insect control

- Insect Control 1970-Jan 86 (227)  
PB86-856390/CAW Ei
- Insect Control: Research and Development 1970-Feb 86 (207)  
PB86-861259/CAW NTIS
- Insect Control: Testing and Evaluation 1970-Apr 85 (203)  
PB85-859833/CAW NTIS

### Insecticides

- Ecology of Pesticide Water Pollution 1978-Jul 86 (376)  
PB86-871688/CAW NTIS
- Ethylene Dibromide: Biochemical Effects and Environmental Concerns 1978-Apr 86 (88)  
PB86-866324/CAW LSC
- Lindane Toxicity 1978-Sep 85 (130)  
PB85-867240/CAW LSC
- Malathion Toxicity 1978-1985 (141)  
PB86-854882/CAW LSC
- Pentachlorophenol Toxicity 1978-1985 (130)  
PB86-853157/CAW LSC
- \*Pesticide Toxicity in Aquatic Environments Jun 83-Mar 86 (100)  
PB86-862786/CAW SWRA
- \*Toxicity of Pesticides Feb 85-Jan 86 (136)  
PB86-856945/CAW NTIS

### Instant foods

- Instant Beverages 1972-Nov 85 (195)  
PB85-872471/CAW FSTA
- Instant Soups 1972-Nov 85 (109)  
PB85-872547/CAW FSTA

### Instruction

- Computer Aided Instruction Jun 70-Oct 86 (345)  
PB86-877263/CAW Ei
- \*Computer Aided Instruction Mar 85-Feb 86 (210)  
PB86-857901/CAW NTIS
- Driver Education 1970-1985 (203)  
PB86-854726/CAW NTIS

### Insulating oil

- Insulating Oils for Transformers and Electrical Cables 1983-Nov 85 (98)  
PB86-851698/CAW Ei
- Insulating Oils for Transformers and Electrical Gables 1970-1982 (353)  
PB86-851680/CAW Ei
- Transformer Insulating Oils 1975-Sep 85 (283)  
PB85-868370/CAW INSPEC

### Insulation

- Architectural Acoustics 1975-Mar 86 (214)  
PB86-861432/CAW INSPEC
- Building Acoustics 1970-Nov 85 (298)  
PB86-850641/CAW Ei
- \*Electrical Insulating Materials Jun 83-Nov 85 (150)  
PB86-850310/CAW Ei
- Electrical Insulating Materials Jun 74-Jan 86 (316)  
PB86-857554/CAW IAA
- Electrically Insulating Coatings 1980-Apr 86 (296)  
PB86-866134/CAW WSC
- Fabric Acoustic Insulation: Manufacture and Applications 1978-Apr 86 (189)  
PB86-867272/CAW WTA
- High Temperature Insulation Jun 76-Jul 86 (181) Includes thermal and electrical insulation  
PB86-872108/CAW EDB
- High Temperature Insulation Jun 70-Nov 86 (133) Includes thermal and electrical insulation  
PB87-851127/CAW Ei
- Insulating Coatings (Excluding Electrical Insulation) 1980-Apr 86 (139)  
PB86-866688/CAW WSC
- Insulating Oils for Transformers and Electrical Cables 1983-Nov 85 (98)  
PB86-851698/CAW Ei
- Insulating Oils for Transformers and Electrical Gables 1970-1982 (353)  
PB86-851680/CAW Ei
- Pipeline Insulation: Heat Loss and Corrosion Prevention 1972-Nov 85 (157)  
PB85-871986/CAW Ei
- Pipeline System Insulation: Thermal Insulation and Corrosion Prevention 1976-Nov 85 (266)  
PB86-851060/CAW RAPRA
- Polymers in Vibration Damping and Soundproofing 1970-Feb 86 (100)  
PB86-858966/CAW PTO
- \*Polyurethane/Polyisocyanurate Foam Thermal Insulation Nov 83-Oct 85 (136)  
PB85-869329/CAW RAPRA
- Printed Circuits: Insulation Technology 1975-Feb 86 (158)  
PB86-857380/CAW INSPEC
- Silicon on Insulator Technology: Oxygen Implantation 1975-Jul 86 (55)  
PB86-872355/CAW INSPEC
- \*Thermal Insulating Materials Oct 83-Sep 86 (180)  
PB86-875168/CAW ISMEC
- \*Thermal Insulation for Buildings Sep 82-May 86 (202)  
PB86-868320/CAW Ei
- \*Thermal Insulation for Residential Homes Sep 82-May 86 (329)  
PB86-869039/CAW NTIS
- Transformer Insulating Oils 1975-Sep 85 (283)  
PB85-868370/CAW INSPEC
- Treating of Electrical Insulating Materials 1970-Sep 85 (110)  
PB85-868776/CAW Ei

### Insurance

- Health Maintenance Organizations Jul 78-Mar 86 (245)  
PB86-861978/CAW NTIS

### Insurgency

- Insurgency and Counterinsurgency in Military Affairs 1980-Jun 86 (89)  
PB86-869633/CAW NTIS

### Integrated circuits

- Adhesives for Printed and Integrated Circuits 1975-Oct 86 (68)  
PB86-876182/CAW INSPEC



- Application Specific Integrated Circuits 1975-Sep 86 (61)  
PB86-875325/CAW INSPEC
- Automated Integrated Circuit Assembly 1975-Sep 86 (72)  
PB86-873965/CAW INSPEC
- \*Computer Aided Design of Microcircuits Dec 85-Nov 86 (272)  
PB87-850897/CAW Ei
- \*Computer Aided Design of Microcircuits 1985-Feb 86 (54)  
PB86-860038/CAW NTIS
- Computer Architecture: Very Large Scale Integration 1975-Nov 86 (354)  
PB87-850772/CAW INSPEC
- \*CMOS Integrated Circuits 1985-Jan 86 (277)  
PB86-856192/CAW INSPEC
- Dielectric Isolation Techniques in Electronic Circuits 1971-1986 (104) Covers mainly integrated circuits and semiconductor devices  
PB87-853222/CAW PTO
- Electron Beam Lithography in Very Large Scale Integrated Circuit Fabrication 1975-Apr 86 (145)  
PB86-865433/CAW INSPEC
- Electronic Circuit Simulation Computer Program: SPICE 1976-Jan 86 (200)  
PB86-858487/CAW INSPEC
- Flip Chip Devices 1975-1986 (139)  
PB87-853230/CAW INSPEC
- Floating Point Microprocessor Chips 1975-Aug 86 (110)  
PB86-874104/CAW INSPEC
- Gallium Arsenide Circuitry: Market Aspects 1983-May 86 (74)  
PB86-869047/CAW COM
- \*Gallium Arsenide Technology: Field Effect Integrated Circuits Aug 84-Jul 86 (211)  
PB86-870490/CAW INSPEC
- Gallium Arsenide Technology: Microwave Integrated Circuits 1975-Jul 86 (325)  
PB86-870508/CAW INSPEC
- Gate Oxides 1975-Jun 86 (68)  
PB86-870201/CAW INSPEC
- High Density Packaging: Electronics 1970-1986 (290)  
PB87-852521/CAW Ei
- High Density Packaging: Electronics 1972-Nov 86 (310)  
PB87-851069/CAW IAA
- High Density Packaging: Electronics 1970-Nov 86 (208)  
PB87-851523/CAW NTIS
- High Electron Mobility Transistors 1975-Oct 86 (248)  
PB86-876000/CAW INSPEC
- High Voltage Integrated Circuits 1975-Jun 86 (99)  
PB86-869757/CAW INSPEC
- Integrated and Printed Circuit Metallization 1970-Jul 85 (200)  
PB85-863686/CAW PTO
- Integrated Circuit Custom Designs 1975-Mar 86 (181)  
PB86-861184/CAW INSPEC
- Integrated Circuit Failure Modes 1974-Mar 86 (182)  
PB86-863727/CAW IAA
- \*Integrated Circuits Reliability Jun 84-Jun 86 (70)  
PB86-869385/CAW IAA
- \*Integrated Circuits Reliability Apr 76-Aug 86 (315)  
PB86-872975/CAW NTIS
- Integrated Circuits: Design Automation 1975-Nov 86 (183)  
PB87-850442/CAW INSPEC
- Integrated Circuits: Laser Annealing 1975-Sep 86 (109)  
PB86-875317/CAW INSPEC
- \*Integrated Circuits: Reliability Feb 84-Mar 85 (149)  
PB85-857159/CAW EDB
- Intrinsic Gettering 1975-Mar 86 (52)  
PB86-860145/CAW INSPEC
- Large and Very Large Scale Integration: Isolation Techniques 1975-Sep 86 (159)  
PB86-875044/CAW INSPEC
- Large Scale and Very Large Scale Integration Chips 1970-Jul 86 (123)  
PB86-870961/CAW PTO
- \*Large Scale and Very Large Scale Integration: Technological Forecasting Dec 85-Nov 86 (131)  
PB87-851226/CAW INSPEC
- Leadless Chip Carriers and Devices 1970-Apr 86 (72)  
PB86-864964/CAW PTO
- Lightly Doped Drain (LDD) integrated Circuit Technology 1979-1986 (109)  
PB87-852695/CAW INSPEC
- \*Logic Testing of Integrated Logic and Integrated Memory Circuits Jul 84-May 86 (146)  
PB86-868783/CAW INSPEC
- Microelectronics and Semiconductor Technology: Technological Forecasting 1979-Oct 86 (172)  
PB86-876034/CAW INSPEC
- Microwave Devices 1970-Sep 86 (149)  
PB86-874542/CAW PTO
- Microwave Integrated Circuit Design 1976-Mar 86 (262)  
PB86-862406/CAW INSPEC
- Monolithic Microwave Integrated Circuits 1978-1986 (353)  
PB87-851945/CAW INSPEC
- Multilayer Ceramic Substrates 1975-Apr 86 (96)  
PB86-863610/CAW INSPEC
- Photoresists: Large Scale and Very Large Scale Integrated Circuit Fabrication 1975-Aug 86 (135)  
PB86-872819/CAW INSPEC
- Process Yields in Integrated Circuit Fabrication 1975-Apr 86 (78)  
PB86-864212/CAW INSPEC
- \*Programmable Logic Arrays Jan 85-Dec 85 (53)  
PB86-854031/CAW INSPEC
- Radiation Hardening of Electronic Circuits 1975-Oct 86 (305) Excludes citations concerning single devices, or on circuit or component shielding  
PB86-877008/CAW INSPEC
- \*Semiconductor Device Encapsulation Jul 83-Oct 86 (175)  
PB86-877198/CAW INSPEC
- Semiconductor Packaging 1975-Sep 86 (220)  
PB86-875432/CAW INSPEC
- Semiconductor Packaging 1970-Jan 86 (149)  
PB86-856374/CAW PTO
- Semiconductor Random Access Memories: Integrated Circuit Design and Fabrication 1975-Feb 85 (156)  
PB85-855294/CAW INSPEC
- Semiconductor Random Access Memories: Integrated Circuit Testing and Reliability 1975-Feb 86 (235)  
PB86-858230/CAW INSPEC
- Silicon on Insulator Structures: Crystal Growth 1975-Aug 86 (129) Excludes oxygen implantation in SOI structures  
PB86-873676/CAW INSPEC
- Silicon on Sapphire Technology 1975-May 86 (125)  
PB86-867876/CAW INSPEC
- Silicon Chip Integrated Circuits 1975-Nov 86 (79)  
PB87-851739/CAW INSPEC
- Silicon Compilers 1975-Aug 86 (116)  
PB86-873015/CAW INSPEC
- Submicron Technology: Chip Manufacture and Characteristics 1972-Oct 86 (248)  
PB86-877347/CAW Ei
- Submicron Technology: Circuit Analysis and Design 1975-Oct 85 (162)  
PB85-872646/CAW INSPEC
- Submicron Technology: Circuit Fabrication 1975-Oct 86 (394)  
PB86-876489/CAW INSPEC
- Submicron Technology: Circuit Testing and Performance 1975-Oct 86 (129)  
PB86-877354/CAW INSPEC
- Submicron Technology: Reticles 1977-Oct 86 (75)  
PB86-877388/CAW INSPEC
- Submicron Technology: Semiconductor Epitaxy 1975-Oct 86 (77)  
PB87-850020/CAW INSPEC
- Tape Automated Bonding Techniques in Integrated Circuit Packaging 1975-Apr 86 (70)  
PB86-864782/CAW INSPEC
- \*Testing of VLSI Circuits Jul 85-Jun 86 (285)  
PB86-869351/CAW INSPEC
- Three-Dimensional Integrated Circuits 1975-May 86 (74)  
PB86-868411/CAW INSPEC
- \*Ultrasonic Welding of Thin Film Devices and Integrated Circuits 1983-Jun 85 (70)  
PB85-863256/CAW METADEX
- Very High Speed Integrated Circuits Technology 1979-1986 (252)  
PB87-852786/CAW INSPEC
- \*Very Large Scale Integration: Computer Aided Layout and Design Feb 85-May 86 (350)  
PB86-866795/CAW INSPEC
- Wafer Scale Integration 1975-Oct 86 (98)  
PB86-877115/CAW INSPEC
- Wafer Steppers 1975-Jul 86 (76)  
PB86-872066/CAW INSPEC
- Wire Bonding in Integrated Circuits 1975-Nov 86 (162)  
PB87-851713/CAW INSPEC
- X Ray, Optical, and Particle Beam Lithography 1970-May 86 (129)  
PB86-868890/CAW PTO
- X-Ray Lithography in Integrated Circuit Fabrication 1970-May 86 (94)  
PB86-868957/CAW Ei
- X-Ray Lithography of Integrated Circuits 1975-May 86 (192)  
PB86-867827/CAW INSPEC

## Integrated optics

- Integrated Optical Devices 1975-Aug 85 (252)  
PB85-866580/CAW INSPEC
- \*Integrated Optics May 84-Mar 86 (163)  
PB86-861275/CAW IAA
- Integrated Optics 1970-Jun 86 (277)  
PB86-870235/CAW NTIS
- Integrated Optics 1970-Jul 85 (125)  
PB85-862399/CAW PTO
- Integrated Optoelectronics: Gallium Arsenide Materials 1975-Sep 86 (128)  
PB86-873668/CAW INSPEC

## Intelligent terminals

- Intelligent Terminals 1983-Jul 86 (166)  
PB86-872348/CAW COM
- Intelligent Terminals 1975-Jul 86 (101)  
PB86-872389/CAW INSPEC

## Intelligibility

- \*Speech Intelligibility 1979-Feb 86 (93)  
PB86-857877/CAW NTIS

## Interactive graphics

- Computer Color Graphics 1975-Feb 86 (264)  
PB86-857968/CAW INSPEC
- Graphics Kernel System 1970-Feb 86 (50)  
PB86-858446/CAW Ei
- \*Interactive Computer Graphics Aug 84-Jul 86 (245)  
PB86-870672/CAW Ei



- Interactive Computer Graphics 1972-Oct 86 (280) Includes technology and applications PB86-876430/CAW IAA
- Interactive Computer Graphics 1975-Oct 85 (209) PB85-869394/CAW INSPEC
- \*Interactive Computer Graphics Jul 81-Aug 86 (350) PB86-873924/CAW NTIS
- \*Interactive Display Devices Sep 84-Sep 86 (151) PB86-875770/CAW EDB
- Interactive Display Devices Jun 70-Sep 86 (317) PB86-875804/CAW NTIS
- Plotters: Computer Graphics 1975-May 86 (190) PB86-867793/CAW INSPEC
- Plotters: Computer Graphics 1970-Oct 85 (177) PB85-871002/CAW NTIS
- Windowing: Applications and Software Packages 1975-Oct 86 (310) PB86-875986/CAW INSPEC

## Intercalation compounds

- Graphite Intercalation Compounds Jun 70-Nov 85 (150) PB86-852076/CAW NTIS

## Interference reduction

- Antenna Sidelobe and Interference Reduction 1970-Feb 86 (269) PB86-858214/CAW NTIS

## Interferometers

- Optical Interferometers 1970-Nov 86 (89) PB87-850855/CAW PTO
- Very Long Baseline Interferometry in Geophysics and Geodesy 1975-Apr 86 (53) PB86-863263/CAW INSPEC

## Interferometric holography

- Holographic Interferometry 1970-May 86 (94) PB86-869054/CAW Ei
- Holographic Interferometry in Surface Analysis 1975-May 86 (76) PB86-869336/CAW INSPEC
- \*Holography: Applications 1979-Oct 82 (155) Excludes flow visualization, acoustic holography, and holographic theory and recording techniques PB86-863321/CAW NTIS
- Holography: Theory, Recording Techniques, and Applications Nov 82-Apr 86 (189) Excludes acoustic holography and holographic flow visualization PB86-863222/CAW NTIS

## Interferon

- Antiviral Activity of Interferon 1978-Mar 86 (145) PB86-861689/CAW LSC
- Interferon 1970-1985 (146) PB86-854445/CAW PTO
- Interferon Research 1984-Mar 85 (143) PB85-857423/CAW FEDRIP
- Interferon: Treatment for Cancer 1978-Aug 85 (225) PB85-867091/CAW LSC

## Interlibrary loans

- Interlibrary Loans 1970-Feb 86 (236) PB86-858479/CAW NTIS

## Internal combustion engines

- \*Carburetors: Design and Analysis Jun 83-Jul 86 (237) PB86-871191/CAW EDB
- \*Engine Turbochargers and Superchargers Sep 83-Feb 86 (307) PB86-860731/CAW EDB
- Fuel Injection for Internal Combustion Engines Jun 70-Nov 85 (352) PB85-871580/CAW NTIS

- Fuel Supply and Control for Turbocharged Engines 1970-Mar 86 (60) PB86-860871/CAW PTO
- Internal Combustion Engine Fuel Controls 1970-Jun 85 (167) PB85-861839/CAW PTO
- Internal Combustion Engines: Catalytic Converters 1976-1985 (363) PB86-856176/CAW EDB
- Internal Combustion Engines: Exhaust Recirculation Systems 1976-Nov 84 (249) PB85-851046/CAW EDB
- Internal Combustion Engines: Computer Applications 1970-Jun 85 (185) PB85-863033/CAW Ei
- Oxygen Sensors: Applications for Internal Combustion Engines 1970-Nov 85 (148) PB86-852365/CAW PTO
- Two Stroke Engines Jun 70-Nov 86 (153) PB87-850293/CAW Ei

## International law

- Legal Aspects of Maritime Boundaries: Offshore Mineral and Fishing Rights 1974-Nov 84 (323) PB85-851434/CAW OCEANIC

## International relations

- Automobile Industry: International Cooperation and Competition 1974-Nov 86 (144) PB87-852216/CAW MC

## International trade

- Automobile Industry: International Cooperation and Competition 1974-Nov 86 (144) PB87-852216/CAW MC
- International Marketing: Crossing Cultural Boundaries 1974-Jul 86 (98) PB86-872892/CAW MC
- International Marketing: Crossing Cultural Boundaries 1976-Jul 86 (50) PB86-872967/CAW PIRA
- Japanese Technology: Implications on Trade 1970-Apr 86 (163) PB86-863180/CAW NTIS
- Microcomputers: Japanese Competition 1983-Aug 86 (114) PB86-873262/CAW COM
- Semiconductor Industry: Japanese Competition 1983-Aug 86 (145) PB86-873007/CAW COM

## Interpreter routines

- Software Interpreters 1975-1984 (151) PB85-853976/CAW INSPEC

## Interpreters

- Software Interpreters 1970-Nov 84 (184) PB85-850550/CAW NTIS

## Interviews

- Interview Techniques: An Employment Guide 1974-Jul 86 (222) PB86-873387/CAW MC

## Inventory control

- Manufacturing Resource Planning 1975-Jan 86 (74) PB86-855632/CAW INSPEC
- Material Requirements Planning (MRP) 1975-Jan 85 (139) PB85-853661/CAW INSPEC
- Materials Planning and Inventory Control: Computer Utilization 1982-1986 (141) PB87-852513/CAW ISMEC
- \*Records Management 1981-Jan 86 (174) PB86-856036/CAW NTIS

## Inverters

- Inverter Converters 1970-Jul 86 (218) PB86-871241/CAW NTIS

## Investment casting

- Investment Casting 1970-May 86 (194) PB86-865870/CAW Ei

## Investments

- Entrepreneurship and Small Business 1974-Apr 86 (226) PB86-866506/CAW MC
- \*Portfolio Management May 83-Apr 86 (324) PB86-866209/CAW MC

## Ion engines

- Plasma Engines 1970-Sep 85 (192) PB85-868867/CAW NTIS

## Ion exchange resins

- Anion Exchange Resins: Structure, Formulation, and Applications 1977-Jul 85 (101) PB85-865384/CAW RAPRA
- Cracking Catalysts 1977-1985 (286) PB86-854528/CAW EDB
- \*Ion Exchange Resins Feb 83-1985 (201) PB86-856135/CAW EDB
- \*Ion Exchange Resins Oct 83-Nov 86 (238) PB87-850525/CAW Ei
- \*Ion Exchange Resins Feb 83-Mar 86 (110) PB86-863065/CAW NTIS
- Ion Exchange Resins: Applications to the Food and Wine Industries 1972-May 86 (115) PB86-869435/CAW FSTA
- Metals Separation Using Cation Exchange Resins 1966-Nov 85 (149) PB86-851441/CAW METADEX
- Metals Separation Using Anion Exchange Resins 1966-Apr 86 (181) PB86-866514/CAW METADEX
- Wastewater and Water Treatment: Anion Exchange 1977-Feb 86 (122) PB86-858297/CAW SWRA
- \*Zeolites in Catalysis Jun 83-Feb 85 (235) PB85-854826/CAW EDB

## Ion implantation

- \*Ion Implantation May 85-Apr 86 (151) PB86-862315/CAW NTIS
- Ion Implantation Equipment 1975-May 86 (184) PB86-866761/CAW INSPEC
- Silicon on Insulator Technology: Oxygen Implantation 1975-Jul 86 (55) PB86-872355/CAW INSPEC
- Surface Hardening of Metals: Ion Nitriding 1977-Oct 85 (299) PB85-870889/CAW METADEX

## Ion selective electrodes

- Ion Selective Electrode Analysis: Food Industry Applications 1972-Apr 86 (87) PB86-866555/CAW FSTA
- Ion Selective Electrodes 1970-Aug 86 (186) PB86-873957/CAW Ei
- Ion Selective Electrodes 1970-Jun 86 (176) PB86-869591/CAW NTIS
- Ion Selective Electrodes 1970-Jun 86 (72) PB86-870458/CAW PTO

## Ion sources

- Ion Mass Spectrometers: Applications and Equipment 1976-Jul 85 (103) PB85-865459/CAW Ei

## Iron & Iron alloys

- \*Amorphous Alloys: Iron Base Aug 83-Apr 86 (294) PB86-866092/CAW METADEX
- \*Hydrogen Embrittlement of Metals Apr 84-Apr 86 (194) PB86-862398/CAW Ei



- Metal Joining and Coating of Kovar 1966-Mar 86 (134)  
PB86-860426/CAW METADEX

## Irradiation

- Food Preservation Through Ionizing Irradiation Oct 84-Sep 86 (217)  
PB86-874286/CAW FSTA  
Food Preservation Through Ionizing Radiation 1981-Sep 84 (310)  
PB85-868735/CAW FSTA
- \*Lasers: Biomedical Applications Dec 84-Nov 85 (79)  
PB86-851532/CAW INSPEC

## Irrigation

- Crop Production: Agronomy and Horticulture 1984-Mar 85 (109)  
PB85-857407/CAW FEDRIP
- Irrigation: Drip and Trickle Techniques 1977-1984 (174)  
PB85-852283/CAW SWRA
- Soil Salinity: Irrigation Practices and Effects on Crops and Ground water 1977-Oct 85 (130)  
PB85-869667/CAW SWRA
- Solar Water Pumps for Irrigation 1976-May 85 (132)  
PB85-859304/CAW EDB

## Isocyanate plastics

- \*Polyurethane Resins: Synthesis and Properties 1979-1986 (305) Excludes polyurethane foams  
PB87-852703/CAW NTIS

## Isocyanurate plastics

- \*Polyurethane/Polyisocyanurate Foam Thermal Insulation Nov 83-Oct 85 (136)  
PB85-869329/CAW RAPRA

## Isolation

- Large and Very Large Scale Integration: Isolation Techniques 1975-Sep 86 (159)  
PB86-875044/CAW INSPEC

## Isostatic pressing

- Hot Isostatic Pressing Processes and Materials 1970-1985 (88)  
PB86-853421/CAW PTO
- Isostatic Pressing Jun 70-Oct 86 (209)  
PB86-876851/CAW Ei
- Isostatic Pressing Jun 74-Jul 86 (244)  
PB86-870821/CAW IAA

## Isotope separation

- Isotope Separation by Centrifugation 1976-Sep 85 (170)  
PB85-868800/CAW EDB
- \*Laser Isotope Separation: Uranium Jun 83-Jul 86 (93)  
PB86-872041/CAW EDB

## Jamming

- \*Electronic Countermeasures and Electronic Counter Countermeasures Jun 82-Nov 86 (353)  
PB87-850129/CAW NTIS

## Japan

- Japanese Technology: Implications on Trade 1970-Apr 86 (163)  
PB86-863180/CAW NTIS
- Microcomputers: Japanese Competition 1983-Aug 86 (114)  
PB86-873262/CAW COM
- Semiconductor Industry: Japanese Competition 1983-Aug 86 (145)  
PB86-873007/CAW COM

## Job control languages

- Job Control Languages 1975-Feb 86 (129)  
PB86-858818/CAW INSPEC

## Jobs

- \*Human Work Measurement Apr 82-1985 (137)  
Excludes physiological effects  
PB86-853058/CAW NTIS
- \*Job and Industrial Related Productivity Aug 82-Apr 86 (331) Includes productivity studies on industries, of workers, and as related to the economy  
PB86-868163/CAW NTIS
- Job Analysis Methodology 1970-Jan 85 (316)  
PB85-854131/CAW NTIS

## Joints(Junctions)

- Bolted Joints Jun 70-Jun 85 (103)  
PB85-863025/CAW Ei
- Nondestructive Testing of Joints 1972-May 86 (174)  
PB86-868288/CAW IAA
- Oil Field Threaded Connections 1976-Feb 86 (142)  
PB86-860301/CAW EDB
- Oil Field Threaded Connections 1970-Mar 86 (176)  
PB86-860863/CAW PTO

## Journal bearings

- Journal Bearings: Wear Characteristics and Lubrication 1966-May 86 (180)  
PB86-866647/CAW METADEX

## Juices

- Beverage Flavors: Juices 1972-Mar 86 (233)  
PB86-862505/CAW FSTA

## Kalman filters

- \*Kalman Filters Nov 82-Jan 86 (258)  
PB86-857661/CAW Ei
- \*Kalman Filters Sep 83-Aug 86 (111)  
PB86-872702/CAW NTIS

## Keyboards

- Computer Keyboards: Design, Selection, and Evaluation 1975-Sep 86 (325)  
PB86-874369/CAW INSPEC

## Knowledge representation

- Knowledge Engineering in Computer Aided Design 1975-Aug 86 (128)  
PB86-873783/CAW INSPEC
- \*Knowledge Representation and Knowledge Programming for Artificial Intelligence Jan 86-Dec 86 (172)  
PB87-853115/CAW INSPEC
- Semantic Networks 1975-Aug 86 (174)  
PB86-874112/CAW INSPEC

## Labels

- In-Mold Labelling and Decorating 1973-Apr 86 (66)  
PB86-862026/CAW RAPRA
- Label Printing Techniques and Machinery 1976-Nov 85 (310)  
PB86-851334/CAW PIRA
- Labelling Machines 1982-Mar 86 (195)  
PB86-863370/CAW PSTA
- Nutritional Labelling 1972-Aug 86 (159)  
PB86-874120/CAW FSTA

## Labor relations

- Affirmative Action in Equal Employment Opportunity 1970-1985 (280)  
PB86-854668/CAW NTIS

## Laboratories

- Laboratory Automation 1975-Apr 86 (116)  
PB86-867173/CAW INSPEC

## Lactic acid bacteria

- Dairy Products: Lactic Acid Bacteria 1984-Apr 85 (66)  
PB85-859882/CAW FSTA
- Diary Products: Lactic Acid Bacteria 1975-1983 (338)  
PB85-859874/CAW FSTA
- Lactic Acid Bacteria in Meat Products 1972-Oct 85 (167)  
PB85-868990/CAW FSTA

## Lagoons(Ponds)

- Lake and River Bottom Sampling 1977-Jul 86 (197)  
PB86-872116/CAW SWRA
- Pulping Wastewater Treatment: Aeration Processes and Equipment 1976-Apr 86 (119)  
PB86-867132/CAW PIRA
- Wastewater Treatment: Lagoons 1977-May 86 (276)  
PB86-867884/CAW SWRA

## Lakes

- Eutrophic Lakes 1978-1985 (194)  
PB86-854411/CAW SWRA
- Lake and River Bottom Sampling 1977-Jul 86 (197)  
PB86-872116/CAW SWRA
- Lake Restoration 1977-May 86 (215)  
PB86-864832/CAW SWRA
- Nutrient Removal from Lakes, Ponds, and Rivers 1977-Jun 85 (92)  
PB85-863231/CAW SWRA

## Laminates

- \*Fiber Reinforced Composite Laminates Feb 83-Aug 86 (249)  
PB86-873536/CAW IAA
- Fiber Reinforced Composite Laminates 1970-Nov 86 (352)  
PB87-850509/CAW NTIS
- \*Fiber Reinforced Composite Laminates May 84-Mar 86 (248)  
PB86-862430/CAW RAPRA
- Multilayer Plastic Films 1970-Aug 86 (121)  
PB86-873379/CAW PTO
- Printed Circuit Board Laminates 1975-Jan 86 (70)  
PB86-856614/CAW INSPEC
- Printed Circuit Board Laminates 1970-Feb 86 (80)  
PB86-855541/CAW PTO
- Thermoplastic Laminates and Foams 1970-Sep 85 (92)  
PB85-868594/CAW PTO

## Lamps

- Fluorescent Lighting 1976-Feb 86 (214)  
PB86-860988/CAW EDB
- \*Fluorescent Lamps and Lighting Systems Sep 82-Feb 86 (270)  
PB86-861812/CAW INSPEC

## Land disposal

- \*Sewage Sludge Pretreatment and Disposal Dec 81-Feb 86 (249)  
PB86-857398/CAW NTIS

## Land mobile communications

- Frequency Allocation: Mobile Radio and Radiocommunications 1975-Nov 84 (140)  
PB85-850659/CAW INSPEC

- Land Mobile Communications 1970-Nov 86 (245)  
PB87-850723/CAW NTIS

## Land reclamation

- Desert Management 1970-Jan 85 (79)  
PB85-853604/CAW NTIS



## Land use

- Remote Sensing of Agricultural Resources Oct 73-Jan 86 (350)  
PB86-855947/CAW NTIS
- Remote Sensing Applied to Urban and Regional Planning 1970-Sep 85 (135)  
PB85-867554/CAW NTIS
- Water Resources: Effects of Land Use and Urbanization Sep 81-Sep 85 (89)  
PB85-867521/CAW NTIS

## Landing fields

- \*Airport Runways Nov 84-Jan 86 (52)  
PB86-85998/CAW Ei

## LANDSAT

- \*Instrumentation and Data Processing Used in Earth Resources Technology Satellites 1976-Jun 86 (378) Excludes reports that discuss results to specific geographic areas, or to specific pollution investigations  
PB86-871043/CAW NTIS

## Landslides

- Landslides 1970-Jul 85 (198)  
PB85-864478/CAW NTIS

## Language

- Computational Linguistics 1970-Apr 86 (345)  
PB86-864097/CAW NTIS

## Laser applications

- Blood Flow Measurement: Laser Techniques 1975-Jan 86 (97)  
PB86-855723/CAW INSPEC
- Carbon Dioxide Waveguide Lasers 1972-Aug 85 (223)  
PB85-867158/CAW IAA
- Dimensional Measurement by Laser Beam 1975-Nov 85 (291)  
PB85-872208/CAW IAA
- \*Dimensional Measurement by Laser Beam Aug 83-Oct 86 (241)  
PB86-877206/CAW INSPEC
- Flow Measurement by Laser Beam 1975-Mar 86 (173)  
PB86-862794/CAW INSPEC
- \*Heat Treatment of Metals Using a Laser Beam 1983-Nov 85 (334)  
PB85-872125/CAW METADEX
- Integrated Circuits: Laser Annealing 1975-Sep 86 (109)  
PB86-875317/CAW INSPEC
- Laser Chemical Vapor Deposition 1978-Apr 86 (126)  
PB86-865102/CAW INSPEC
- Laser Machining of Thin Metal Films and Refractory Materials 1966-Apr 86 (174)  
PB86-863958/CAW METADEX
- Laser Printers 1970-Nov 86 (71)  
PB87-851820/CAW PTO
- Laser Printing: Processes and Equipment 1970-Mar 86 (190)  
PB86-863404/CAW Ei
- \*Laser Printing: Processes and Machinery Apr 84-Jun 85 (100)  
PB85-861433/CAW PIRA
- Laser Recording 1970-Apr 86 (76)  
PB86-868221/CAW PTO
- \*Laser Scanning: Technology and Applications Jan 86-Dec 86 (60)  
PB87-852489/CAW Ei
- Laser Scanning: Technology and Applications 1972-Apr 86 (314)  
PB86-864048/CAW IAA
- Laser Scanning: Technology and Applications 1970-May 86 (340)  
PB86-867405/CAW NTIS

Laser Speckle Analysis: Measurement Techniques and Equipment 1975-1984 (176)  
PB85-852499/CAW INSPEC

- Laser Speckle: Theory and Applications 1970-Jan 86 (192)  
PB86-856515/CAW Ei
- Lasers in Electrophotographic Imaging and Printing 1975-Mar 86 (92)  
PB86-862737/CAW INSPEC
- \*Lasers in Medicine 1985-1986 (144)  
PB87-851911/CAW Ei
- Lasers in Medicine 1970-Nov 85 (222)  
PB86-850369/CAW NTIS
- \*Lasers: Biomedical Applications Dec 84-Nov 85 (79)  
PB86-851532/CAW INSPEC
- Lasers: Biomedical Applications 1970-May 85 (105)  
PB85-859080/CAW PTO
- \*Light Communication Systems Dec 85-Nov 86 (65)  
PB87-851549/CAW NTIS
- Optical Memory Data Storage: Laser Applications 1973-Sep 86 (216)  
PB86-875705/CAW Ei
- Pulse Techniques for Laser Applications 1970-Oct 85 (271)  
PB85-871457/CAW SPIN
- Surface Inspection and Dimensional Measurement: Laser Applications 1975-1986 (346)  
PB87-852497/CAW METADEX

## Laser beams

- Acoustooptical Laser Modulators and Deflectors 1970-May 86 (295)  
PB86-866308/CAW Ei
- Acoustooptical Laser Modulators and Deflectors 1970-Nov 86 (253)  
PB87-851010/CAW NTIS
- \*Atmospheric Effects on Laser Beams 1975-Aug 86 (341)  
PB86-873569/CAW NTIS

## Laser cutting

- Laser Metal Cutting 1966-1985 (353)  
PB86-853074/CAW METADEX

## Laser cutting & machining

- Laser Cutting and Machining 1970-Jun 86 (77)  
PB86-869724/CAW PTO
- Laser Cutting and Machining: Metals 1970-May 86 (300)  
PB86-868825/CAW Ei
- Laser Cutting and Machining: Nonmetals 1970-Aug 86 (122)  
PB86-874229/CAW Ei

## Laser gyroscopes

- Laser Gyroscopes 1970-Nov 86 (286)  
PB87-850475/CAW Ei
- \*Laser Gyroscopes 1983-Mar 86 (336)  
PB86-863677/CAW IAA
- Laser Gyroscopes 1970-Nov 86 (270)  
PB87-851135/CAW NTIS
- Laser Gyroscopes 1970-Nov 86 (87)  
PB87-850822/CAW PTO

## Laser isotope separation

- \*Laser Isotope Separation: Uranium Jun 83-Jul 86 (93)  
PB86-872041/CAW EDB

## Laser materials

- Laser Glasses and Crystals 1975-Nov 85 (230)  
PB85-871911/CAW INSPEC
- Laser Materials: Radiation Damage 1970-Nov 85 (278)  
PB86-852340/CAW NTIS

- Laser Mirrors 1975-Aug 86 (321)  
PB86-873973/CAW INSPEC
- Laser Mirrors 1976-Aug 86 (128)  
PB86-874161/CAW SPIN
- Laser Window Materials 1975-May 86 (145)  
PB86-867330/CAW INSPEC
- Optical Coatings: Laser Radiation Damage 1975-Jun 86 (117)  
PB86-870243/CAW INSPEC

## Laser radiobiology

- Laser Radiation: Biological Effects 1978-Jan 86 (125)  
PB86-856986/CAW NTIS

## Laser range finders

- Optical Range Finders 1970-Mar 86 (212)  
PB86-859485/CAW Ei

## Laser speckle

- Laser Speckle Analysis: Measurement Techniques and Equipment 1975-1984 (176)  
PB85-852499/CAW INSPEC
- Laser Speckle: Theory and Applications 1970-Jan 86 (192)  
PB86-856515/CAW Ei

## Laser welding

- Laser Beam Welding: Nickel, Titanium, and Their Alloys 1966-Mar 86 (204)  
PB86-862836/CAW METADEX
- \*Laser Beam Welding: Steels Oct 84-Oct 86 (139)  
PB86-876315/CAW METADEX
- \*Laser Welding Feb 82-Nov 86 (210)  
PB87-850871/CAW Ei
- Laser Welding 1970-Sep 85 (88)  
PB85-867471/CAW PTO
- Laser Welding: Aluminum 1966-Nov 86 (131)  
PB87-851341/CAW METADEX

## Lasers

- \*Carbon Dioxide Lasers Apr 85-Mar 86 (165)  
PB86-859477/CAW Ei
- \*Carbon Dioxide Lasers Sep 80-Jan 86 (223)  
PB86-858701/CAW NTIS
- Carbon Dioxide Waveguide Lasers 1976-Feb 86 (207)  
PB86-860517/CAW EDB
- Carbon Dioxide Waveguide Lasers 1972-Aug 85 (223)  
PB85-867158/CAW IAA
- \*Carbon Monoxide Lasers May 83-Apr 86 (66)  
PB86-865649/CAW IAA
- Excimer Lasers: Applied Research and Commercial Development 1980-Sep 86 (134)  
PB86-874815/CAW SPIN
- Free Electron Lasers 1980-Mar 85 (132)  
PB85-855807/CAW INSPEC
- Free Electron Lasers 1970-Aug 86 (234)  
PB86-874401/CAW SPIN
- Gas Laser Devices and Systems 1970-May 85 (97)  
PB85-861375/CAW PTO
- Halogen and Rare Gas Chemical Lasers 1976-Sep 85 (344)  
PB85-868339/CAW EDB
- \*Hydrogen Fluoride and Deuterium Fluoride Lasers 1976-Jan 86 (254)  
PB86-857802/CAW NTIS
- Laser Cavity Resonators 1975-Aug 86 (314)  
PB86-874831/CAW SPIN
- Laser Glasses and Crystals 1975-Nov 85 (230)  
PB85-871911/CAW INSPEC
- Neodymium YAG (Yttrium Aluminum Garnet) Lasers 1970-May 86 (304)  
PB86-867629/CAW NTIS



\*Neodymium YAG Lasers Sep 83-Oct 85 (145)  
PB85-871978/CAW INSPEC

Quantum Well Heterostructures and Lasers  
1978-Nov 85 (117)  
PB85-871697/CAW Ei

\*Quantum Well Structures and Devices Nov 84-  
Oct 85 (236)  
PB85-869451/CAW INSPEC

• \*Quantum Well Structures and Devices Nov 84-  
1985 (208)  
PB86-854148/CAW SPIN

Semiconductor Laser Devices 1970-Jan 85 (68)  
PB85-854354/CAW PTO

• Superluminescent Diodes and Lasers 1975-Feb  
86 (62)  
PB86-860400/CAW INSPEC

• Ultraviolet Lasers 1976-May 86 (256) Includes  
use in chemistry  
PB86-868528/CAW EDB

• X-Ray Lasers 1970-Jan 86 (157)  
PB86-856044/CAW NTIS

## Launching sites

• Guided Missile Silos 1970-Nov 85 (188)  
PB86-851466/CAW NTIS

## Law enforcement

• Night Vision Devices 1970-Jun 86 (309)  
PB86-871415/CAW NTIS

## Law(Jurisprudence)

• \*Acid Precipitation: Legal, Political, and Health  
Aspects Apr 85-Mar 86 (154)  
PB86-860475/CAW EDB

Groundwater Law 1977-Nov 84 (77)  
PB85-850824/CAW SWRA

Oil Spills: Legal Aspects 1977-May 85 (313)  
PB85-861664/CAW SWRA

• Polymeric Materials Combustion: Toxicity  
Hazards and Legal Aspects 1976-Oct 86 (177)  
PB86-875952/CAW RAPRA

Product Liability for Manufacturers 1976-Jun 85  
(137)  
PB85-863371/CAW PIRA

• Software Piracy: Legal Issues 1983-Aug 86  
(152)  
PB86-873056/CAW COM

• Tort Law: Energy Related Liability 1976-Jan 86  
(169) Excludes superfunds and acid rain  
PB86-858891/CAW EDB

• Tort Law: Management Considerations 1975-Jan  
86 (170)  
PB86-858636/CAW MC

• Water Quality Acts: Standards, Regulations, and  
Reactions 1970-Oct 86 (300)  
PB86-876620/CAW POLLUTION

## Leaching

Leachate Treatment 1972-Nov 85 (73)  
PB85-871754/CAW POLLUTION

• Leachate Treatment 1977-Feb 86 (150)  
PB86-858990/CAW SWRA

## Lead acid batteries

• \*Lead Batteries Dec 81-1986 (236)  
PB87-852349/CAW NTIS

## Lead alloys

• Corrosion of Lead and Lead Alloys Jun 70-Jan  
86 (142)  
PB86-857638/CAW Ei

## Lead(Metal)

• Corrosion of Lead and Lead Alloys Jun 70-Jan  
86 (142)  
PB86-857638/CAW Ei

• Lead Exposure: Public and Occupational Health  
Hazards 1972-Apr 86 (160)  
PB86-865698/CAW POLLUTION

## Leadership

Middle Management 1974-May 85 (247)  
PB85-860112/CAW MC

## Learning

• \*Information Processing in Humans Mar 82-Nov  
86 (339)  
PB87-850673/CAW NTIS

## Learning machines

• \*Artificial Intelligence Apr 83-1984 (188)  
PB86-852860/CAW Ei

• \*Artificial Intelligence May 84-Apr 86 (181)  
PB86-864105/CAW IAA

• \*Artificial Intelligence Sep 84-Apr 86 (262)  
PB86-862240/CAW NTIS

## Lenses

Contact Lens Solutions 1970-Nov 85 (110)  
PB85-871390/CAW PTO

• Contact Lenses and the Risk of Infection 1978-  
1985 (79)  
PB86-854940/CAW LSC

• Plastic Lenses: Fabrication and Applications  
1970-Mar 86 (100)  
PB86-859386/CAW PTO

• Plastic Lenses: Fabrication and Applications  
1977-1986 (303)  
PB87-853073/CAW RAPRA

• Polishing of Glass and Lenses 1970-Aug 86  
(131)  
PB86-873726/CAW PTO

## Leukemia

Leukemia in Children: Therapy 1978-Oct 85  
(122)  
PB85-869030/CAW LSC

## Leukocytes

Hla Typing 1978-Aug 85 (126)  
PB85-866275/CAW LSC

## Libraries

• Assessing Library Collections 1970-May 86 (51)  
PB86-869583/CAW NTIS

Automatic Library and Documentation 1970-Apr  
85 (131)  
PB85-858678/CAW Ei

• Integrated Library Systems 1975-Jan 86 (65)  
PB86-858685/CAW INSPEC

• Interlibrary Loans 1970-Feb 86 (236)  
PB86-858479/CAW NTIS

• Library Acquisition 1975-Apr 86 (157)  
PB86-865441/CAW INSPEC

• Library Automation: Cataloging and Circulation  
1984-Nov 86 (225) Excludes computerized  
document and information retrieval  
PB87-851028/CAW INSPEC

• Library Cataloging and Classification 1975-Apr  
86 (265)  
PB86-864535/CAW INSPEC

• \*Library Management Apr 85-Feb 86 (57)  
PB86-859816/CAW NTIS

Mechanization of Library Cataloging and  
Circulation 1975-1983 (311)  
PB85-852754/CAW INSPEC

• Microcomputer Applications for Libraries 1975-  
Feb 86 (198)  
PB86-853389/CAW INSPEC

## Lidar

• Laser Infrared Radar 1971-Feb 86 (290)  
PB86-858354/CAW SPIN

• \*Light Detection and Ranging (LIDAR) Aug 84-Jul  
86 (114) Concerns mainly atmospheric  
applications  
PB86-871118/CAW NTIS

• LIDAR Remote Sensing and Measurement 1976-  
Apr 86 (303)  
PB86-866464/CAW INSPEC

## Life support systems

• Life Support Systems for Aerospace and Marine  
applications 1970-Nov 85 (343)  
PB86-851557/CAW Ei

• Life Support Systems for Aerospace and Marine  
applications Aug 82-1985 (128)  
PB86-854478/CAW IAA

• Life Support Systems: Aircraft and Marine-  
Applications 1970-Jan 86 (350)  
PB86-857349/CAW NTIS

• Life Support Systems: Space Stations 1970-Oct  
86 (231)  
PB86-876976/CAW NTIS

• Oxygen Sensors 1970-Aug 86 (157)  
PB86-873197/CAW NTIS

## Light communications

• Fiber Optic Communication Systems and  
Equipment 1975-Oct 86 (346)  
PB86-876844/CAW INSPEC

• Fiber Optic Multiplexing 1975-1986 (102)  
PB87-853362/CAW Ei

• Infrared Communications Jun 70-Jan 86 (270)  
PB86-857620/CAW Ei

• \*Infrared Communications Mar 82-Mar 86 (200)  
PB86-863388/CAW INSPEC

• \*Light Communication Systems Dec 85-Nov 86  
(65)  
PB87-851549/CAW NTIS

• Optical Data Bus Networks 1975-Jul 86 (155)  
PB86-870516/CAW INSPEC

## Light detection and ranging

• Laser Infrared Radar 1971-Feb 86 (290)  
PB86-858354/CAW SPIN

• \*Light Detection and Ranging (LIDAR) Aug 84-Jul  
86 (114) Concerns mainly atmospheric  
applications  
PB86-871118/CAW NTIS

• LIDAR Remote Sensing and Measurement 1976-  
Apr 86 (303)  
PB86-866464/CAW INSPEC

## Light emitting diodes

• Superluminescent Diodes and Lasers 1975-Feb  
86 (62)  
PB86-860400/CAW INSPEC

## Light modulators

• Acoustooptical Laser Modulators and Deflectors  
1970-May 86 (295)  
PB86-866308/CAW Ei

• Acoustooptical Laser Modulators and Deflectors  
1970-Nov 86 (253)  
PB87-851010/CAW NTIS

• Optical Modulation 1970-Aug 86 (214)  
PB86-873759/CAW PTO

• Optical Modulators 1975-Jun 86 (81)  
PB86-869864/CAW INSPEC

## Lighting

• Fluorescent Lighting 1976-Feb 86 (214)  
PB86-860988/CAW EDB

## Lightning

• \*Lightning, Surge, and Transient Protection Dec  
82-Aug 86 (180) Excludes electromagnetic  
shielding  
PB86-872801/CAW NTIS

## Lightning arresters

• Lightning Arresters for Domestic and Commercial  
Electrical Power Supplies 1976-Aug 86 (233)  
PB86-873650/CAW EDB



- Lightning Arresters For Domestic and Commercial Electrical Power Supplies 1970-1985 (297)  
PB86-852829/CAW Ei
- Telecommunication Equipment: Atmospheric Discharge Protection 1975-May 86 (187)  
PB86-865367/CAW INSPEC

## Lightweight alloys

- Lightweight Alloys 1966-Jul 85 (68)  
PB85-865103/CAW METADEX

## Lightweight armor

- Lightweight Armor 1970-Jan 86 (279)  
PB86-855749/CAW NTIS

## Lightweight concretes

- Lightweight Concretes 1970-Nov 85 (344)  
PB86-851920/CAW Ei

## Lignin

- Cellulose and Lignin: Biodegradation 1978-Nov 85 (310)  
PB85-871820/CAW LSC

## Limbs

- Multifunctional Artificial Limbs 1976-Nov 85 (229)  
PB86-850021/CAW INSPEC

## Limiters

- \*Lightning, Surge, and Transient Protection Dec 82-Aug 86 (180) Excludes electromagnetic shielding  
PB86-872801/CAW NTIS

## Limnology

- \*Biochemical Oxygen Demand Oct 81-Feb 86 (161)  
PB86-860699/CAW NTIS
- \*Sediment-Water Interactions and Their Effects Upon Water Quality 1979-Mar 86 (125)  
Excludes salt water studies  
PB86-859642/CAW NTIS
- \*Water Quality Modeling: Hydrological and Limnological Systems Oct 81-Sep 86 (90)  
PB86-874195/CAW NTIS

## Lindane

- Lindane Toxicity 1978-Sep 85 (130)  
PB85-867240/CAW LSC

## Linear programming

- Linear Programming Algorithms for Optimization 1974-Nov 85 (133)  
PB86-851664/CAW INSPEC

## Linguistics

- Computational Linguistics 1970-Apr 86 (345)  
PB86-864097/CAW NTIS
- \*Knowledge Representation and Knowledge Programming for Artificial Intelligence Jan 86-Dec 86 (172)  
PB87-853115/CAW INSPEC
- Semantic Networks 1975-Aug 86 (174)  
PB86-874112/CAW INSPEC

## Linings

- Liners for Waste Disposal and Waste Storage Facilities 1976-Apr 86 (125)  
PB86-862422/CAW EDB
- \*Steel Pouring Ladle Liners: Refractory Service Life Mar 84-Feb 85 (43)  
PB85-855211/CAW METADEX

## Lipids

- Glycosphingolipids 1978-Apr 86 (115)  
PB86-867942/CAW LSC
- Liposomes 1970-1986 (77)  
PB87-852307/CAW PTO

## Liquefied natural gas

- \*Hazardous Materials Transportation Sep 82-May 86 (106)  
PB86-869906/CAW Ei
- Hazardous Materials Transportation 1977-Apr 86 (327) Excludes radioactive wastes and materials  
PB86-865268/CAW NTIS
- Natural Gas: Marine Transportation 1974-May 85 (299)  
PB85-861656/CAW OCEANIC

## Liquefied petroleum gases

- Liquefied Petroleum Gas Jun 76-Nov 84 (298)  
PB85-851301/CAW EDB

## Liquid crystals

- Cholesteric Liquid Crystals 1971-Aug 86 (242)  
PB86-874526/CAW SPIN
- Liquid Crystal Light Valves 1975-May 86 (119)  
PB86-868684/CAW INSPEC
- Liquid Crystal Polymers 1975-May 86 (150)  
PB86-868510/CAW INSPEC
- Liquid Crystal Polymers 1973-Oct 86 (148)  
PB87-850319/CAW RAPRA
- \*Liquid Crystals Jun 83-Aug 86 (143) Covers both properties and uses  
PB86-873106/CAW NTIS
- \*Nematic Liquid Crystals Aug 83-Oct 85 (120)  
PB85-870772/CAW Ei
- Smectic Crystals Dec 79-Nov 85 (140)  
PB86-850831/CAW SPIN
- Smectic Liquid Crystal Display Technology and Devices 1975-Oct 85 (60)  
PB85-871788/CAW INSPEC

## Liquid level indicators

- Fluid Level Detectors 1970-Nov 86 (112)  
PB87-851408/CAW PTO
- Liquid Level Indicators: Development and Utilization 1974-1985 (102)  
PB86-856234/CAW BHRA FLUID

## Liquid waste disposal

- Bacterial Metal Leaching and Bioaccumulation 1978-Jun 85 (265)  
PB85-862571/CAW LSC
- \*Hazardous Materials Waste Disposal Jun 85-May 86 (160) Excludes radioactive wastes and materials  
PB86-865854/CAW NTIS
  - Hazardous Waste Treatment and Disposal 1970-Apr 86 (51) Includes radioactive wastes  
PB86-863966/CAW PTO
  - Waste Oil Reclamation 1970-Aug 86 (147)  
PB86-873890/CAW NTIS

## Liquid wastes

- \*Metal Containing Liquid Wastes 1984-Jul 86 (143)  
PB86-871985/CAW Ei
- Organic Solvent Recovery and Reclamation Jun 70-Apr 86 (152)  
PB86-866878/CAW Ei
- Solvent Recovery and Reclamation Jun 70-May 86 (298)  
PB86-866456/CAW NTIS

## Lisp

- Lisp Programming Language: Artificial Intelligence Applications 1975-Feb 86 (124)  
PB86-857513/CAW INSPEC
- LISP Programming Language: Artificial Intelligence Applications 1983-Sep 86 (224)  
PB86-875606/CAW COM

## Lithium cells

- \*Lithium Batteries Oct 84-Sep 86 (200)  
PB86-875408/CAW Ei

- \*Lithium Batteries Nov 81-Aug 86 (273)  
PB86-872777/CAW NTIS
- Lithium Batteries 1970-Oct 86 (72)  
PB86-876232/CAW PTO

## Lithography

- Electron Beam Lithography in Very Large Scale Integrated Circuit Fabrication 1975-Apr 86 (145)  
PB86-865433/CAW INSPEC
- Lithographic Printing Plates 1970-May 85 (222)  
PB85-858769/CAW PTO
- \*Microlithography and Microetching in Semiconductor Device Manufacturing and Processing Nov 85-Oct 86 (97)  
PB86-876943/CAW Ei
- Microlithography and Microetching in Semiconductor Device Manufacturing and Processing 1975-Oct 86 (301)  
PB86-876836/CAW INSPEC
- Photoresists: Large Scale and Very Large Scale Integrated Circuit Fabrication 1975-Aug 86 (135)  
PB86-872819/CAW INSPEC
- Semiconductor Photolithography 1975-Mar 86 (192)  
PB86-862745/CAW INSPEC
- Wafer Steppers 1975-Jul 86 (76)  
PB86-872066/CAW INSPEC
- X Ray, Optical, and Particle Beam Lithography 1970-May 86 (129)  
PB86-868890/CAW PTO
- X-Ray Lithography in Integrated Circuit Fabrication 1970-May 86 (94)  
PB86-868957/CAW Ei
- X-Ray Lithography of Integrated Circuits 1975-May 86 (192)  
PB86-867827/CAW INSPEC

## Livestock

- Genetic Engineering: Plants, Bacteria, Livestock 1984-Mar 85 (95)  
PB85-857431/CAW FEDRIP

## Load control

- \*Electric Power Load Management 1982-Mar 86 (258)  
PB86-861648/CAW NTIS
- \*Peak Load Pricing May 83-Nov 85 (84)  
PB86-852134/CAW EDB
- Power Systems: State Estimation 1970-Nov 86 (184)  
PB87-851630/CAW Ei

## Loans

- Interlibrary Loans 1970-Feb 86 (236)  
PB86-858479/CAW NTIS

## Locomotives

- Diesel Locomotives 1970-Sep 85 (227)  
PB85-868404/CAW Ei

## Logic circuits

- Arithmetic Logic Units 1970-Nov 85 (157)  
PB86-851110/CAW PTO
- Emitter Coupled Logic Jun 70-Jan 86 (160)  
PB86-857646/CAW Ei
- \*Logic Testing of Integrated Logic and Integrated Memory Circuits Jul 84-May 86 (146)  
PB86-868783/CAW INSPEC
- \*Programmable Logic Arrays Jan 85-Dec 85 (53)  
PB86-854031/CAW INSPEC
- Radiation Hardening of Electronic Circuits 1975-Oct 86 (305) Excludes citations concerning single devices, or on circuit or component shielding  
PB86-877008/CAW INSPEC

## Logic design

- Arithmetic Logic Units 1970-Nov 85 (157)  
PB86-851110/CAW PTO



## Logic programming

- Logic Programming 1975-Jul 86 (181)  
PB86-872413/CAW INSPEC

## Logistics

- Operations Research Applied to Military Systems  
Jun 70-Jul 86 (370)  
PB86-871225/CAW NTIS

## Logo

- LOGO Programming Language 1975-1986 (316)  
PB87-852323/CAW INSPEC

## Long term care

- Health Care Costs: Long Term Care Feb 76-Jan 86 (218)  
PB86-856309/CAW NTIS
- \*Long Term Care: Home Health Services Feb 80-Nov 85 (154)  
PB86-851292/CAW NTIS

## Loudspeakers

- Loudspeaker Design 1975-Oct 85 (148)  
PB85-871994/CAW INSPEC

## Low pass filters

- \*Low Pass Filters: Design and Theory 1984-1985 (193)  
PB86-852530/CAW INSPEC

## Lubricants

- Annealing and Lubricants for the Cold Rolling of Steels 1973-Jun 85 (323)  
PB85-863223/CAW ISMEC
- Antioxidants and Stabilizers for Lubricants and Fuels 1970-May 86 (130)  
PB86-864253/CAW NTIS
- \*Cutting Fluids for Grinding, Milling, and Machining of Metals and Minerals Dec 83-Nov 86 (96)  
PB87-850574/CAW Ei
- Forging Lubrication 1966-Sep 85 (177)  
PB85-867257/CAW METADEX
- Graphite in Lubrication 1974-Aug 85 (160)  
PB85-866283/CAW IAA
- Graphite in Lubrication 1970-May 85 (188)  
PB85-860583/CAW NTIS
- Graphite Lubricants Jun 70-Jun 86 (198)  
PB86-869401/CAW Ei
- High Temperature Lubricants 1974-Aug 84 (348)  
PB85-800035/CAW API
- High Temperature Lubricants 1970-Jun 86 (89)  
PB86-869716/CAW PTO
- \*High Temperature Lubricants and Oils 1977-Sep 86 (174)  
PB86-875820/CAW NTIS
- \*High Temperature, High Wear Resistant Solid Lubricants Apr 83-Feb 86 (155)  
PB86-858370/CAW BHRA FLUID
- Lubricants and Greases: Properties and Evaluation 1973-Apr 86 (190)  
PB86-864303/CAW BHRA FLUID
- Lubricating Oil Analysis for Wear Monitoring 1970-Apr 86 (81)  
PB86-866266/CAW NTIS
- Lubrication for High and Extreme Pressures 1974-Apr 86 (159)  
PB86-866076/CAW BHRA FLUID
- Molybdenum Disulfide Lubrication Jun 70-Sep 85 (124)  
PB85-868842/CAW Ei
- Sliding Contacts: Wear and Lubrication 1970-Nov 85 (220)  
PB87-851333/CAW NTIS
- Solid Lubricants: Graphite, Polymers, Fluorides, and General Studies Feb 82-Nov 86 (139)  
Excludes molybdenum compounds  
PB87-850863/CAW Ei
- Synthetic Lubricants Jun 76-Feb 86 (342)  
PB86-860046/CAW EDB

- \*Synthetic Lubricants Nov 82-1985 (176)  
PB86-856259/CAW Ei
- \*Synthetic Lubricants Feb 83-Sep 86 (81)  
PB86-874427/CAW NTIS
- Synthetic Lubricants for Rotating and Reciprocating Machinery 1973-May 86 (167)  
PB86-865136/CAW BHRA FLUID
- Waste Oil Reclamation 1970-Aug 86 (147)  
PB86-873890/CAW NTIS

## Lubrication

- Cutting Fluids: Lubrication, Heat Transfer, and Corrosion Prevention 1983-Mar 86 (95)  
PB86-860749/CAW METADEX
- Journal Bearings: Wear Characteristics and Lubrication 1966-May 86 (180)  
PB86-866647/CAW METADEX
- Lip-Seals: Lubrication and Wear Resistance 1973-May 86 (265)  
PB86-867520/CAW BHRA FLUID
- \*Lubrication and Wear of Pistons and Piston Rings Nov 82-May 86 (69)  
PB86-864329/CAW BHRA FLUID
- Mechanical Face Seals: Lubrication and Wear Resistance 1973-Jul 86 (245)  
PB86-871597/CAW BHRA FLUID
- Reciprocating Seals: Lubrication and Wear Resistance 1973-Jun 86 (319)  
PB86-869799/CAW BHRA FLUID
- Tribology Jun 74-Jul 85 (308)  
PB85-864213/CAW IAA
- Tribology Jun 70-May 85 (210)  
PB85-860609/CAW NTIS
- Tribology: Lubrication 1970-Jul 86 (201)  
PB86-872363/CAW Ei

## Luminescence

- \*Cathodoluminescence May 84-Jun 85 (51)  
PB85-862522/CAW Ei
- Cathodoluminescence 1970-Jun 86 (97)  
PB86-869658/CAW NTIS
- Luminescent Coatings 1980-Feb 86 (61)  
PB86-861036/CAW WSC
- Luminescent, Pearlescent, and Fluorescent Coatings 1980-1985 (194)  
PB86-853603/CAW WSC
- Luminous Paints Jun 70-Feb 86 (64)  
PB86-861127/CAW EDB
- Luminous Paints Jun 70-Oct 84 (56)  
PB85-850352/CAW Ei
- \*Photoluminescence May 83-May 85 (141)  
PB85-861540/CAW EDB
- Superluminescent Diodes and Lasers 1975-Feb 86 (62)  
PB86-860400/CAW INSPEC

## Machine tools

- Blow Molded Products and Machines 1982-Feb 86 (88)  
PB86-860392/CAW PSTA
- Computer Programming Languages for Industrial Numerical Control 1975-Apr 86 (343)  
PB86-864113/CAW INSPEC
- \*Computer Programming Languages for Numerical Control 1985-Jan 86 (111)  
PB86-857372/CAW Ei
- \*Machine Automation and Numerical Control Aug 85-Jul 86 (115)  
PB86-871076/CAW NTIS
- Machine Safety Guards 1970-Jul 85 (123)  
PB85-863850/CAW Ei
- Machine Tool Technology 1975-Feb 86 (180)  
PB86-859774/CAW INSPEC
- Machine Tool Technology 1974-Mar 86 (277)  
PB86-862414/CAW ISMEC
- Machinery for Rubber Processing 1970-Feb 86 (331)  
PB86-860103/CAW Ei

- Package Production Machines 1982-Feb 86 (290)  
PB86-860418/CAW PSTA
- \*Press Tools: Design, Automation, and Safety Dec 83-Jun 85 (59)  
PB85-862068/CAW ISMEC
- Sealing/Closing Machines 1982-Feb 86 (137)  
Tamp-proof containers are excluded  
PB86-860285/CAW PSTA

## Machining

- Abrasive Machining: A Surface Finishing Technique Apr 84-Mar 86 (53)  
PB86-860962/CAW METADEX
- Abrasive Machining: A Surface Finishing, Technique 1966-Mar 84 (346)  
PB85-856441/CAW METADEX
- \*Automated Machining Jul 85-Jun 86 (282)  
Excludes automatic assembly of already manufactured parts and components  
PB86-870417/CAW Ei
- Automated Machining 1970-Nov 86 (346)  
PB87-851697/CAW NTIS
- \*Ceramic Cutting Tools Apr 85-Feb 86 (67)  
PB86-859949/CAW METADEX
- Chemical Polishing, Machining, and Finishing 1966-Oct 85 (284)  
PB85-871150/CAW METADEX
- Chip Formation in Metal Machining 1970-Jun 85 (174)  
PB85-863447/CAW Ei
- Electric Discharge Machining Jun 70-Feb 86 (156)  
PB86-860129/CAW Ei
- \*Electric Discharge Machining Electrodes: Fabrication and Wear 1983-Feb 86 (78)  
PB86-860806/CAW METADEX
- Electrochemical Machining 1972-1985 (233)  
PB86-856200/CAW IAA
- Electrochemical Machining and Metal Finishing 1973-Jun 85 (352)  
PB85-862753/CAW ISMEC
- \*Electropolishing 1977-May 86 (260)  
PB86-869971/CAW Ei
- Electropolishing 1970-1985 (150)  
PB86-852506/CAW NTIS
- Face Milling: Surface Finishing and Tool Life 1966-1985 (91)  
PB86-854577/CAW METADEX
- Laser Cutting and Machining 1970-Jun 86 (77)  
PB86-869724/CAW PTO
- Laser Cutting and Machining: Metals 1970-May 86 (300)  
PB86-868825/CAW Ei
- Laser Cutting and Machining: Nonmetals 1970-Aug 86 (122)  
PB86-874229/CAW Ei
- Laser Machining of Thin Metal Films and Refractory Materials 1966-Apr 86 (174)  
PB86-863958/CAW METADEX
- \*Plastics and Elastomers: Machining Processes and Properties May 85-Mar 86 (55)  
Excludes molding operations  
PB86-862810/CAW RAPRA

## Magnesium alloys

- Magnesium Alloys: Corrosion Properties 1970-Jun 86 (154)  
PB86-869914/CAW NTIS

## Magnesium cells

- Magnesium Batteries 1970-Mar 86 (61)  
PB86-864162/CAW Ei

## Magnesium oxides

- \*Magnesium Oxide Ceramics and Refractories Apr 81-Sep 85 (256)  
PB85-868016/CAW Ei



## Magnetic bubble domains

- \*Magnetic Bubble Memories Apr 83-1985 (203)  
PB86-853694/CAW INSPEC
- Magnetic Bubble Memories 1970-Mar 86 (148)  
PB86-859360/CAW PTO

## Magnetic disks

- Bernoulli Disks 1983-Apr 86 (57)  
PB86-866886/CAW COM
- Magnetic Disk Drives 1970-Sep 86 (238)  
PB86-875598/CAW PTO
- Magnetic Disks 1970-Apr 86 (169) Excludes citations pertaining specifically to drive mechanisms  
PB86-866365/CAW PTO
- Winchester Disks and Drives 1975-Apr 86 (155)  
PB86-867082/CAW INSPEC

## Magnetic fluids

- Ferrofluids 1970-May 86 (174)  
PB86-867819/CAW Ei
- \*Ferrofluids Dec 84-Nov 86 (127)  
PB87-850210/CAW INSPEC
- Ferrofluids 1970-Mar 86 (76)  
PB86-861101/CAW PTO

## Magnetic measurement

- Airborne Magnetometers Jun 70-May 85 (99)  
PB85-861235/CAW NTIS
- Magnetometers 1970-1985 (194)  
PB86-854569/CAW PTO

## Magnetic recording

- Magnetic Coatings 1980-Jun 86 (108)  
PB86-870763/CAW WSC
- Magnetic Disks 1970-Apr 86 (169) Excludes citations pertaining specifically to drive mechanisms  
PB86-866365/CAW PTO
- \*Magnetic Recording Systems May 84-May 86 (132)  
PB86-864691/CAW NTIS
- Magnetic Tape Cassettes 1970-Sep 85 (185)  
PB85-867273/CAW PTO
- Perpendicular Magnetic Recording 1975-Apr 86 (148)  
PB86-865912/CAW INSPEC
- Thin Film Magnetic Heads 1975-May 86 (168)  
PB86-867710/CAW INSPEC
- Thin Film Magnetic Heads 1970-Feb 86 (113)  
PB86-858792/CAW PTO

## Magnetic separation

- Magnetic Separation in the Coal Industry 1970-Jan 86 (127)  
PB86-856028/CAW NTIS
- \*Magnetic Separation of Materials Aug 83-Sep 85 (170)  
PB85-868636/CAW EDB
- Magnetic Separation of Materials Jun 70-Nov 85 (164)  
PB85-872653/CAW Ei
- Magnetic Separation of Materials Jun 70-Jul 85 (189)  
PB85-864353/CAW NTIS

## Magnetic storage

- Computer Tape Cartridges 1975-Apr 86 (80)  
PB86-866936/CAW INSPEC
- Magnetic Disks 1970-Apr 86 (169) Excludes citations pertaining specifically to drive mechanisms  
PB86-866365/CAW PTO

## Magnetic susceptibility

- Magnetic Permeability Jun 70-Nov 85 (203)  
PB86-851581/CAW NTIS

## Magnetic tests

- Nondestructive Testing of Metals: Magnetic Methods 1973-Aug 85 (288)  
PB85-866986/CAW ISMEC

## Magnetometers

- Airborne Magnetometers Jun 70-May 85 (99)  
PB85-861235/CAW NTIS
- \*Biomagnetism Oct 83-Oct 86 (237) Excludes citations pertaining specifically to NMR studies  
PB86-876018/CAW INSPEC
- Magnetometers 1970-1985 (194)  
PB86-854569/CAW PTO

## Magneto-optics

- Magneto-optic Recording 1975-Jul 86 (105)  
PB86-870391/CAW INSPEC

## Magnetron sputtering

- Magnetron Sputtering Applications 1976-Feb 86 (263)  
PB86-857323/CAW INSPEC

## Magnets

- \*Permanent Magnets Sep 82-Oct 85 (295)  
PB86-850039/CAW EDB
- \*Permanent Magnets Jul 83-Aug 86 (249)  
PB86-873411/CAW Ei
- Permanent Magnets Jun 70-1985 (309)  
PB86-854163/CAW NTIS
- Plastics and Elastomers: Magnetic Properties 1973-1985 (148)  
PB86-853819/CAW RAPRA

## Mail

- Direct Mail 1981-Apr 86 (247)  
PB86-863362/CAW MC

## Maillard storage

- Maillard Reaction: Effects on Foods 1972-Sep 85 (279)  
PB85-868461/CAW FSTA

## Maintenance

- Computer Software Maintenance 1983-Jul 86 (197)  
PB86-872330/CAW COM
- Computer Software Maintenance 1970-Aug 86 (241)  
PB86-872652/CAW NTIS
- Computers: Preventive Maintenance 1983-Jul 86 (116)  
PB86-872991/CAW COM
- \*Maintenance Management Mar 84-Aug 85 (117)  
PB85-867182/CAW Ei
- \*Operations Research Applied to Maintenance and Repair Nov 84-Oct 86 (180)  
PB86-876505/CAW NTIS
- Third Party Maintenance of Computer Hardware: Market Aspects 1983-Jun 86 (141)  
PB86-869476/CAW COM

## Malathion

- Malathion Toxicity 1978-1985 (141)  
PB86-854882/CAW LSC

## Malignant neoplasms

- Cancer Treatment 1970-Jul 85 (169)  
PB85-864650/CAW PTO
- Preventive Medicine: Cancer 1970-Jul 85 (112)  
PB85-864015/CAW NTIS

## Management

- Assessment Centers 1974-Apr 86 (158)  
PB86-864428/CAW MC
- Configuration Management: Computers, Software, and Control Systems 1975-Jan 86 (58)  
PB86-858529/CAW INSPEC

- Configuration Management: Networks and Parallel Processing 1978-Apr 86 (51)  
PB86-858552/CAW IAA
- Configuration Management: Software 1973-Jan 86 (52)  
PB86-858537/CAW IAA
- \*Construction Management Jul 82-May 86 (260)  
PB86-869518/CAW NTIS
- Corporate Bureaucracy 1974-May 86 (121)  
PB86-867751/CAW MC
- Crisis Management 1975-May 86 (228)  
PB86-866589/CAW MC
- Critical Path Method 1970-Apr 86 (135)  
PB86-863909/CAW Ei
- Critical Path Method 1975-May 85 (208)  
PB85-861136/CAW INSPEC
- \*Decision Making in Management Feb 83-May 86 (291)  
PB86-869948/CAW NTIS
- Disaster Planning 1970-Feb 86 (176)  
PB86-860673/CAW NTIS
- Dynamic Programming 1976-Apr 86 (191)  
PB86-862562/CAW MC
- Industrial Management Development and Training 1976-Apr 86 (291)  
PB86-865946/CAW PIRA
- \*Library Management Apr 85-Feb 86 (57)  
PB86-859816/CAW NTIS
- Local Computer Networks: Office Automation and Communication 1981-Mar 86 (152)  
PB86-862372/CAW INSPEC
- \*Maintenance Management Mar 84-Aug 85 (117)  
PB85-867182/CAW Ei
- Management by Objectives: Advantages and Disadvantages 1976-May 86 (200)  
PB86-865672/CAW PIRA
- Management by Results: Corporate Techniques 1974-Jun 86 (246)  
PB86-869237/CAW MC
- \*Management Development Nov 82-May 86 (258)  
PB86-868387/CAW MC
- \*Management Information Systems Nov 77-Mar 85 (334) Excludes urban information systems and health/medical applications  
PB85-856979/CAW NTIS
- \*Market Research as an Industrial Management Tool Aug 84-Jul 86 (108)  
PB86-871142/CAW PIRA
- Materials Planning and Inventory Control: Computer Utilization 1982-1986 (141)  
PB87-852513/CAW ISMEC
- Middle Management 1974-May 85 (247)  
PB85-860112/CAW MC
- Organization Planning and Design 1970-May 86 (291)  
PB86-866167/CAW Ei
- Participative Management and Quality of Work Jul 76-Sep 86 (205)  
PB86-874245/CAW PIRA
- Participative Management: Theory and Strategy 1974-May 86 (128)  
PB86-866605/CAW MC
- Program Evaluation and Review Technique (PERT) 1975-Feb 86 (264)  
PB86-859626/CAW INSPEC
- Program Evaluation Review Technique (PERT) 1970-Apr 86 (109) Applied To Research And Development Projects  
PB86-864139/CAW Ei
- \*Project Management Jun 85-May 86 (107)  
PB86-866159/CAW Ei
- \*Project Management Nov 83-1985 (175)  
PB86-855178/CAW MC
- \*Project Management Feb 85-May 86 (55)  
PB86-868346/CAW NTIS
- \*Risk Analysis and Management Apr 84-Jun 86 (277)  
PB86-869393/CAW Ei



- \*Small Businesses: Financial and Technical Assistance Jun 83-Jan 86 (282)  
PB86-856648/CAW MC
- Telecommuting 1983-Jun 86 (147)  
PB86-871787/CAW COM
- Tort Law: Management Considerations 1975-Jan 86 (170)  
PB86-858636/CAW MC
- Watershed Management Modeling 1977-Mar 86 (124)  
PB86-861572/CAW SWRA
- \*Word Processing: Management, Training, and Personnel Oct 83-Nov 84 (120)  
PB85-850915/CAW INSPEC

### Management information systems

- Customer Information Control Service 1975-Jan 86 (59)  
PB86-856655/CAW INSPEC
- Health Information Systems Dec 70-Feb 86 (212)  
PB86-857794/CAW NTIS
- \*Management Information Systems Nov 77-Mar 85 (334) Excludes urban information systems and health/medical applications  
PB85-856979/CAW NTIS
- Transaction Processing Systems and Teleprocessing Monitors 1976-Sep 86 (120)  
PB86-874724/CAW INSPEC

### Manganese

- Toxicity of Manganese 1970-Jul 85 (190)  
PB85-864593/CAW NTIS

### Manganese nodules

- Manganese Nodules: Formulation, Distribution, and Recovery 1974-Jul 85 (339)  
PB85-865335/CAW OCEANIC

### Manipulators

- Robot Manipulators 1972-Mar 86 (352)  
PB86-863594/CAW IAA
- Robot Manipulators 1970-May 86 (201)  
PB86-869302/CAW PTO
- \*Robot Manipulators: Program Control Oct 84-1986 (199)  
PB87-851986/CAW INSPEC
- \*Robot Welding Nov 85-Oct 86 (140)  
PB86-877297/CAW Ei
- \*Robot Welding Dec 85-Nov 86 (61)  
PB87-850418/CAW INSPEC
- \*Robots Oct 85-Sep 86 (337)  
PB86-875689/CAW NTIS
- \*Robots: Industrial Dec 82-Jan 86 (273)  
PB86-856895/CAW Ei

### Mannitol

- Sorbitol, Mannitol, and Xylitol in Foods 1972-May 86 (330)  
PB86-868841/CAW FSTA

### Manometers

- Blood Pressure Measuring Devices 1970-Mar 86 (150)  
PB86-860558/CAW PTO

### Manpower

- \*Job and Industrial Related Productivity Aug 82-Apr 86 (331) Includes productivity studies on industries, of workers, and as related to the economy  
PB86-868163/CAW NTIS
- \*Nurses: Manpower Supply, Needs, and Demand Jul 80-Feb 86 (345)  
PB86-860384/CAW NTIS

### Manufacturing

- Adaptive Control Systems: Manufacturing Industries 1975-Jun 85 (380)  
PB86-871092/CAW INSPEC

- Artificial Intelligence: Manufacturing Industries Jan 86-Dec 86 (155) Artificial intelligence applied to integration of CAD/CAM and industrial robots are covered more comprehensively in other published searches  
PB87-853388/CAW Ei
- Carpet Manufacturing 1975-Sep 85 (173)  
PB85-867364/CAW WTA
- Computer Aided Design and Manufacturing: Aerospace May 84-Apr 86 (139)  
PB86-862927/CAW NTIS
- Computer Aided Design and Manufacturing: Mechanical Engineering and Machining May 84-Apr 86 (163)  
PB86-862885/CAW NTIS
- Computer Aided Design and Manufacturing: Optical Equipment 1970-Jul 86 (95) Excludes electron beam optics  
PB86-872637/CAW NTIS
- Computer Aided Plastic and Rubber Manufacturing 1973-Jun 86 (293)  
PB86-869807/CAW RAPRA
- \*Flexible Manufacturing Systems Mar 85-Jan 86 (326)  
PB86-857711/CAW INSPEC
- Gear Manufacturing Technology Jun 70-Nov 85 (185)  
PB86-851821/CAW Ei
- \*Machine Automation and Numerical Control Aug 85-Jul 86 (115)  
PB86-871076/CAW NTIS
- Manufacturing Automation Protocol - MAP 1975-Feb 86 (58)  
PB86-863164/CAW INSPEC
- Manufacturing Computer Control in Gate Array Technology 1981-Feb 85 (92)  
PB85-855427/CAW INSPEC
- Manufacturing Resource Planning 1975-Jan 86 (74)  
PB86-855632/CAW INSPEC
- Materials Handling in Manufacturing Jun 70-1985 (360)  
PB86-854676/CAW Ei
- Materials Handling in Manufacturing Jun 70-Nov 86 (212)  
PB87-850459/CAW NTIS
- \*Plastic Window Frames Mar 83-1985 (179)  
PB86-853835/CAW RAPRA
- Statistical Quality Control: Manufacturing 1977-Oct 86 (103)  
PB86-877339/CAW Ei
- Statistical Quality Control: Manufacturing 1975-Oct 86 (99)  
PB86-877016/CAW INSPEC

### Mapping

- \*Computer Aided Mapping Feb 84-Jan 86 (166)  
PB86-855590/CAW Ei
- \*Computer Aided Mapping May 82-1986 (375)  
PB87-851994/CAW NTIS
- Photogrammetry: Equipment and Image Processing 1975-Nov 86 (310)  
PB87-850376/CAW INSPEC

### Marijuana

- Marijuana, Hashish, and Related Compounds Jun 70-Apr 86 (206)  
PB86-867165/CAW NTIS
- Paraquat Toxicity 1978-Jun 85 (203)  
PB85-863314/CAW LSC

### Marinas

- \*Recreational Boating 1979-Apr 86 (205)  
PB86-864378/CAW NTIS

### Marine biology

- Bioindicators of Marine Pollution 1974-Aug 86 (256)  
PB86-873916/CAW OCEANIC

Ecology of Marine Crustaceans 1978-Aug 85 (108)

PB85-866168/CAW LSC

Ecology of Marine Molluscs 1980-Jun 85 (94)  
PB85-861888/CAW LSC

- Ecology of Pesticide Water Pollution 1978-Jul 86 (376)  
PB86-871688/CAW NTIS

- \*Fisheries: Environmental Aspects Dec 83-Mar 86 (66)  
PB86-862760/CAW SWRA

- \*Sewage Effects in Marine and Estuarine Environments 1977-Nov 86 (255)  
PB87-851564/CAW NTIS

### Marine engineering

- Computer Aided Design and Manufacturing: Naval Architecture 1970-May 86 (202)  
PB86-868031/CAW NTIS
- Life Support Systems: Aircraft and Marine Applications 1970-Jan 86 (350)  
PB86-857349/CAW NTIS
- Marine Corrosion Control 1973-Nov 86 (249)  
PB87-850079/CAW ISMEC
- Marine Simulators 1973-1984 (92)  
PB85-853968/CAW ISMEC

### Marine fouling

- Antifouling Coatings for Marine Environments 1976-Jul 86 (169)  
PB86-870789/CAW EDB
- Antifouling Coatings: Marine Applications 1970-1985 (171)  
PB86-855491/CAW Ei
- Antifouling Coatings: Marine Applications 1974-1986 (235)  
PB87-852026/CAW OCEANIC
- \*Antifouling Coatings: Marine Applications Apr 85-May 86 (95)  
PB86-867553/CAW WSC

### Marine geology

- Marine Hydrothermal Vents 1977-Aug 85 (73)  
PB85-865897/CAW OCEANIC

### Marine pipelines

- Offshore Pipelines 1970-Apr 86 (146)  
PB86-866316/CAW NTIS

### Marine propellers

- Marine Propellers 1974-May 85 (200)  
PB85-858884/CAW BHRA FLUID
- Marine Propellers: Design 1970-Apr 86 (151)  
PB86-863644/CAW Ei
- Marine Propellers: Mechanical Properties and Hydrodynamics 1970-Nov 84 (183)  
PB85-851004/CAW Ei

### Marine transportation

- Marine Fuels 1973-Oct 86 (187)  
PB87-851515/CAW ISMEC
- Natural Gas: Marine Transportation 1974-May 85 (299)  
PB85-861656/CAW OCEANIC
- \*Shipbuilding and Shipping Industries: Government Regulations Feb 84-May 85 (132)  
PB85-861565/CAW OCEANIC
- \*Surface Transportation: Demands and Needs 1980-Feb 85 (271) Includes urban, rail, and marine  
PB85-855229/CAW NTIS
- Tugboats for Ship Berthing and Barge Transportation 1970-Sep 85 (161)  
PB85-867612/CAW NTIS

### Market research

- International Marketing: Crossing Cultural Boundaries 1974-Jul 86 (98)  
PB86-872892/CAW MC



- International Marketing: Crossing Cultural Boundaries 1976-Jul 86 (50)  
PB86-872967/CAW PIRA

## Market value

Petroleum and Natural Gas: Factors Affecting Market Value 1976-Oct 85 (204)  
PB85-871259/CAW EDB

## Marketing

- American Telephone and Telegraph Computers in the Office: Market Aspects 1983-Jul 86 (83)  
PB86-872223/CAW COM
- Artificial Intelligence: Market Aspects 1983-Jun 86 (139)  
PB86-870334/CAW COM
- Bank Marketing 1980-Apr 86 (175)  
PB86-867587/CAW MC
- Bayesian Theory 1973-May 86 (187) Includes bayesian approaches, methods, and applications to forecasting, econometrics, cost analysis, and market research  
PB86-866597/CAW MC
- Computer Voice Recognition: Market Aspects 1983-Jun 86 (94)  
PB86-871498/CAW COM
- Coupons: A Promotional Tool 1974-Aug 86 (174)  
PB86-875028/CAW MC
- Digital Equipment Corporation's Micro VAX Computers: Market Aspects 1984-Nov 86 (52)  
PB87-851614/CAW INSPEC
- Direct Mail 1981-Apr 86 (247)  
PB86-863362/CAW MC
- Electronic Publishing: Market Aspects 1983-Jul 86 (93)  
PB86-871829/CAW COM
- Factory Networking: Marketing Aspects 1983-Jul 86 (66)  
PB86-871399/CAW COM
- Fiber Optic Local Area Networks: Market Aspects 1983-Jul 86 (58)  
PB86-872298/CAW COM
- Fish: Product Marketing 1974-Feb 86 (201)  
PB86-858396/CAW OCEANIC
- Fourth Generation Programming Languages: Market Aspects 1983-Jun 86 (57)  
PB86-870474/CAW COM
- Gallium Arsenide Circuitry: Market Aspects 1983-May 86 (74)  
PB86-869047/CAW COM
- Hospital/Healthcare: Marketing 1974-Jan 86 (194)  
PB86-856705/CAW MC
- Integrated Services Digital Networks: Market Aspects 1983-Jun 86 (77)  
PB86-871217/CAW COM
- IBM Computers in the Office: Market Aspects 1983-Aug 86 (62)  
PB86-873023/CAW COM
- IBM System Network Architecture: Market Aspects 1983-Jun 86 (135)  
PB86-871134/CAW COM
- \*Market Analysis Methods and Techniques 1984-Jan 86 (229)  
PB86-855079/CAW MC
- \*Market Research as an Industrial Management Tool Aug 84-Jul 86 (108)  
PB86-871142/CAW PIRA
- Market Segmentation 1974-Apr 86 (374)  
PB86-865011/CAW MC
- Micro-Mainframe Links: Forecasts and Markets 1983-Jun 86 (140)  
PB86-870466/CAW COM
- Microcomputers: Japanese Competition 1983-Aug 86 (114)  
PB86-873262/CAW COM
- New Products Forecasting Jun 70-Jun 86 (144)  
PB86-871084/CAW Ei

Petroleum and Natural Gas: Factors Affecting Market Value 1976-Oct 85 (204)  
PB85-871259/CAW EDB

- \*Pharmaceutical Packaging: Manufacturing and Marketing Information Nov 83-Feb 86 (176)  
PB86-860343/CAW PIRA
- Relational Database Management Systems: Market Aspects 1983-Jul 86 (86)  
PB86-871993/CAW COM
- Semiconductor Industry: Japanese Competition 1983-Aug 86 (145)  
PB86-873007/CAW COM
- Supercomputers: Market Aspects 1983-May 86 (127) Excludes supermicros  
PB86-868908/CAW COM
- Teleshopping 1983-Jun 86 (264)  
PB86-871779/CAW COM
- Textile Marketing 1983-Feb 86 (124)  
PB86-859428/CAW WTA
- Third Party Maintenance of Computer Hardware: Market Aspects 1983-Jun 86 (141)  
PB86-869476/CAW COM
- Token Ring Networks: Market Assessment 1983-Jun 86 (78)  
PB86-871340/CAW COM
- Voice Mail: Market Aspects 1983-Jun 86 (68)  
PB86-870326/CAW COM

## Marshes

Wetlands Ecology 1978-Jul 85 (195)  
PB85-864585/CAW LSC

## Masking

- Photoresist Materials and Processes 1970-May 86 (361)  
PB86-868858/CAW Ei
- Photoresist Utilization in Semiconductor Devices 1970-1986 (243)  
PB87-853339/CAW PTO
- Photoresists: Large Scale and Very Large Scale Integrated Circuit Fabrication 1975-Aug 86 (135)  
PB86-872819/CAW INSPEC
- Ultraviolet Sensitive Photoresists 1975-Sep 86 (209)  
PB86-875390/CAW INSPEC
- Ultraviolet Sensitive Photoresists 1970-Jun 86 (76)  
PB86-870342/CAW PTO

## Mass spectroscopy

Ion Mass Spectrometers: Applications and Equipment 1976-Jul 85 (103)  
PB85-865459/CAW Ei

- Ion Microprobe Mass Analysis 1975-Apr 86 (66)  
PB86-862018/CAW INSPEC

## Materials

- Materials Planning and Inventory Control: Computer Utilization 1982-1986 (141)  
PB87-852513/CAW SMEC

## Materials degradation

Air Pollution Effects on Materials 1970-Oct 85 (201)  
PB85-870442/CAW NTIS

## Materials handling

- Conveyor Systems Aug 83-May 85 (113)  
PB85-859866/CAW Ei
- Conveyor Systems Apr 84-May 85 (65)  
PB85-861276/CAW NTIS
- Material Handling Systems 1975-Aug 86 (347)  
PB86-874310/CAW INSPEC
- Materials Handling in Manufacturing Jun 70-1985 (360)  
PB86-854676/CAW Ei
- Materials Handling in Manufacturing Jun 70-Nov 86 (212)  
PB87-850459/CAW NTIS

## Materials recovery

- Bacterial Metal Leaching and Bioaccumulation 1978-Jun 85 (265)  
PB85-862571/CAW LSC
- \*Fly Ash Mar 85-Feb 86 (92) Includes studies on its formation, properties, control, and use  
PB86-858040/CAW Ei
- \*Fly Ash Apr 85-Mar 86 (94) Includes studies on its formation, properties, control, and use  
PB86-859279/CAW NTIS
- \*Metal Containing Liquid Wastes 1984-Jul 86 (143)  
PB86-871985/CAW Ei
- \*Metals Recovery from Wastes Dec 84-Nov 85 (234)  
PB85-872448/CAW EDB
- Metals Recovery from Wastes Jun 70-1985 (244)  
PB86-852811/CAW Ei
- Metals Recovery from Wastes 1966-1985 (198)  
PB86-854072/CAW METADEX
- Metals Recovery From Wastes 1977-1985 (224)  
PB86-854122/CAW SWRA
- Organic Solvent Recovery and Reclamation Jun 70-Apr 86 (152)  
PB86-866878/CAW Ei
- Organic Solvent Recovery and Recycling Aug 83-Jun 86 (141)  
PB86-869963/CAW EDB
- Pyrolysis Processes: Municipal Waste Utilizations 1976-Nov 84 (171)  
PB85-851293/CAW EDB
- \*Recycling Metal Scrap Jun 70-Apr 86 (232)  
PB86-863917/CAW Ei
- Solvent Recovery and Reclamation Jun 70-May 86 (298)  
PB86-866456/CAW NTIS

## Materials with memory

- Nitinol: Development and Applications 1977-Jun 86 (82)  
PB86-869609/CAW EDB
- \*Shape Memory Alloys Dec 85-Nov 86 (90)  
PB87-851093/CAW Ei
- Shape Memory Alloys 1975-Nov 86 (327)  
PB87-851473/CAW INSPEC
- Shape Memory Alloys 1970-Sep 86 (98)  
PB86-875036/CAW PTO

## Mathematical models

- \*Atmospheric Modeling of Air Pollution Sep 84-Jan 86 (158) Excludes stratospheric studies as applied to high flying aircraft  
PB86-855970/CAW NTIS
- AIR Pollution Control and Abatement: Computer Analysis 1970-Oct 85 (126)  
PB85-871572/CAW Ei
- Chemical Reaction Kinetics: Modeling 1975-Nov 85 (261)  
PB85-871762/CAW INSPEC
- Computerized Chromatographic Analysis 1970-Mar 85 (137)  
PB85-856326/CAW Ei
- Economic Models Jul 84-Oct 85 (132)  
PB85-869154/CAW NTIS
- \*Ecosystem Models May 83-Apr 86 (311)  
PB86-868270/CAW NTIS
- \*Energy Supply and Demand Modeling Feb 85-Jan 86 (72)  
PB86-857158/CAW NTIS
- Environmental Impacts: Computer Analysis 1970-Sep 86 (342)  
PB86-874328/CAW NTIS
- High Voltage Direct Current Network Modeling and Simulation 1975-Mar 86 (139)  
PB86-862869/CAW INSPEC



- Tides and Tidal Phenomena: Theory and Modeling 1973-Aug 86 (351)  
PB86-873932/CAW BHRA FLUID
- \*Water Quality Modeling: Hydrological and Limnological Systems Oct 81-Sep 86 (90)  
PB86-874195/CAW NTIS
- \*Water Quality Modeling: Hydrological Systems Apr 83-Jan 86 (210)  
PB86-854973/CAW SWRA
- Watershed Management Modeling 1977-Mar 86 (124)  
PB86-861572/CAW SWRA

## Mathematical programming

- Dynamic Programming 1976-Apr 86 (191)  
PB86-862562/CAW MC
- Linear Programming Algorithms for Optimization 1974-Nov 85 (133)  
PB86-851664/CAW INSPEC

## Measurement

- Dimensional Measurement by Laser Beam 1975-Nov 85 (291)  
PB85-872208/CAW IAA
- \*Dimensional Measurement by Laser Beam Aug 83-Oct 86 (241)  
PB86-877206/CAW INSPEC
- Flatness and Straightness Measurements 1975-Oct 85 (87)  
PB85-869063/CAW INSPEC
- Hewlett Packard Computerized Instrumentation Feb 77-Jan 86 (183)  
PB86-856051/CAW INSPEC
- Metrication in the United States 1970-May 85 (169)  
PB85-860658/CAW NTIS
- Surface Inspection and Dimensional Measurement: Laser Applications 1975-1986 (346)  
PB87-852497/CAW METADEX
- Thin Films: Techniques for Thickness and Refractive Index Measurement 1975-Sep 86 (151)  
PB86-875382/CAW INSPEC

## Meat

- \*Animal Offal in the Manufacture of Meat Products Aug 83-Aug 85 (86)  
PB85-866002/CAW FSTA
- Cutting Equipment for Meat, Poultry, and Fish 1972-Jul 86 (138)  
PB86-873429/CAW FSTA
- Lactic Acid Bacteria in Meat Products 1972-Oct 85 (167)  
PB85-868990/CAW FSTA
- Texturized Vegetable Protein Used in Foods 1972-Nov 85 (327)  
PB86-851953/CAW FSTA

## Meat industry

- Emulsifiers Used in the Meat Industry: Sausage Emulsions and Emulsifiers 1972-Jan 85 (212)  
PB85-854479/CAW FSTA

## Mechanical drawings

- Computer Aided Design and Manufacturing: Mechanical Engineering and Machining May 84-Apr 86 (163)  
PB86-862885/CAW NTIS

## Mechanical hearts

- Biomedical Engineering: Artificial Hearts and Heart Valves 1975-May 86 (184)  
PB86-867637/CAW INSPEC

## Mechanical organs

- Artificial Organ Implants: Prospects and Problems 1976-Feb 86 (218) Excludes artificial heart and kidney  
PB86-859618/CAW INSPEC

- Biomedical Equipment: Artificial Organs and Prostheses 1973-Oct 85 (298)  
PB85-869600/CAW ISMEC

- Heart Prostheses 1970-Feb 86 (141)  
PB86-860277/CAW PTO
- Limb and Hip Prostheses 1970-Apr 86 (190)  
PB86-867348/CAW PTO
- \*Polymeric Prosthetic Devices Jul 84-Aug 86 (168)  
PB86-872454/CAW RAPRA
- Prosthetic Devices Jun 72-Jan 85 (332)  
PB85-854339/CAW NTIS
- Prosthetic Devices Bioengineering 1973-Oct 85 (179)  
PB85-870012/CAW ISMEC

## Medical computer applications

- Artificial Intelligence: Medical Applications Jan 86-Dec 86 (132)  
PB87-853289/CAW Ei
- Artificial Intelligence: Medical Computers 1975-Jul 86 (323)  
PB86-871522/CAW INSPEC
- Computer Aided Medical Diagnosis 1970-Apr 86 (306)  
PB86-866720/CAW Ei
- \*Computer Technology in Medicine Jul 79-Apr 86 (328) Excludes use of computers in health surveys, medical records management, and tomography  
PB86-863545/CAW NTIS
- Computers in Patient Care and Non-Tomographic Medical Diagnosis 1976-Nov 84 (124)  
PB85-851756/CAW EDB
- Microcomputers: Apple Computers in Medicine and in the Laboratory 1980-May 86 (187)  
PB86-868874/CAW INSPEC
- Neurological and Psychological Testing: Computer Applications 1975-Mar 85 (121)  
PB85-856938/CAW INSPEC

## Medical equipment

- Autoclave Design and Performance 1978-Apr 86 (108)  
PB86-865391/CAW LSC
- Biomedical Equipment: Artificial Organs and Prostheses 1973-Oct 85 (298)  
PB85-869600/CAW ISMEC
- Blood Flow Measurement 1970-Feb 86 (180)  
PB86-858180/CAW PTO
- Blood Flow Measurement: Laser Techniques 1975-Jan 86 (97)  
PB86-855723/CAW INSPEC
- Blood Flow Measurement: Ultrasonic Methods and Equipment 1975-Jun 86 (343)  
PB86-869740/CAW INSPEC
- Blood Gas Analysis 1970-Feb 86 (179)  
PB86-859732/CAW NTIS
- Blood Pressure Measuring Devices 1970-Mar 86 (150)  
PB86-860558/CAW PTO
- Cardiac Monitors: Design and Applications Jun 70-Apr 86 (214)  
PB86-866902/CAW NTIS
- Cardiac Monitors: Design and Applications Jun 70-Feb 86 (179)  
PB86-857315/CAW Ei
- Cardiac Pacemakers 1976-Apr 86 (220)  
PB86-864022/CAW EDB
- Cardiac Pacemakers 1970-Jul 85 (183)  
PB85-865087/CAW PTO
- Cardiac Pacemakers: Design, Functions, and Problems 1976-Jan 86 (263)  
PB86-855228/CAW INSPEC
- Contact Lens Solutions 1970-Nov 85 (110)  
PB85-871390/CAW PTO
- Contact Lenses and the Risk of Infection 1978-1985 (79)  
PB86-854940/CAW LSC
- Defibrillation and Defibrillators 1970-Aug 86 (143)  
PB86-874260/CAW Ei
- Dental Adhesives Jun 70-Jul 86 (173)  
PB86-871431/CAW NTIS
- Electromyography 1976-May 85 (290)  
PB85-859585/CAW INSPEC
- Electrosurgical Methods and Equipment 1970-Oct 86 (128)  
PB87-850681/CAW PTO
- Enzyme Linked Immunosorbent Assays 1970-Apr 86 (106)  
PB86-865219/CAW PTO
- Fetal and Infant Monitoring Applications 1974-Apr 86 (132)  
PB86-863586/CAW Ei
- Hearing Aids 1970-Sep 85 (138)  
PB85-868388/CAW Ei
- Hearing Aids 1975-Sep 85 (246)  
PB85-868487/CAW INSPEC
- Infrared Imaging Technology: Medical Applications 1975-Nov 86 (129)  
PB87-850384/CAW INSPEC
- \*Lasers in Medicine 1985-1986 (144)  
PB87-851911/CAW Ei
- Lasers in Medicine 1970-Nov 85 (222)  
PB86-850369/CAW NTIS
- \*Lasers: Biomedical Applications Dec 84-Nov 85 (79)  
PB86-851532/CAW INSPEC
- Lasers: Biomedical Applications 1970-May 85 (105)  
PB85-859080/CAW PTO
- Microelectrodes for Biomedical Applications 1970-Oct 86 (153)  
PB86-876265/CAW INSPEC
- Nuclear Magnetic Resonance: Applications in Medical Diagnosis 1977-Jun 86 (339)  
PB86-870219/CAW INSPEC
- Orthopedic Devices 1970-Jul 85 (143)  
PB85-864254/CAW PTO
- Plastics and Elastomers: Dental Applications 1973-Oct 85 (237)  
PB85-870491/CAW RAPRA
- Prosthetic Devices 1974-Apr 85 (157)  
PB85-860062/CAW IAA
- Prosthetic Devices Bioengineering 1973-Oct 85 (179)  
PB85-870012/CAW ISMEC
- Prosthetic Devices: Metals and Alloys Utilization 1971-Mar 86 (107)  
PB86-861416/CAW Ei
- Prosthetic Devices: Polymeric Materials Utilization 1970-Nov 86 (231)  
PB87-851440/CAW Ei
- Surgical Staples and Staple Machines 1970-Jun 86 (91)  
PB86-870771/CAW PTO
- Textiles with Surgical Applications 1975-Jul 86 (230)  
PB86-871696/CAW WTA
- Three Dimensional Medical Imaging 1974-1986 (233)  
PB87-853024/CAW INSPEC
- Toxicity: Polymeric Materials in Medical Applications 1973-Mar 86 (241)  
PB86-862489/CAW RAPRA
- Transdermal Drug Release 1970-Apr 86 (55)  
PB86-863214/CAW PTO
- Urethanes in Surgical Applications 1973-1986 (256)  
PB87-852612/CAW RAPRA
- Urinary and Rectal Catheters 1970-Aug 85 (122)  
PB86-865616/CAW PTO
- Venous Catheters 1970-May 86 (188)  
PB86-868437/CAW PTO
- Wheelchair Design and Improvement 1970-Oct 85 (62)  
PB85-870509/CAW Ei



## Medical imaging

- Three Dimensional Medical Imaging 1974-1986 (233)  
PB87-853024/CAW INSPEC

## Medical information systems

- \*Medical Information Systems Nov 84-Oct 85 (55)  
PB85-869279/CAW Ei
- Medical Information Systems 1976-Oct 84 (184)  
PB85-850279/CAW INSPEC
- Medical Information Systems 1971-Apr 86 (327)  
PB86-864592/CAW NTIS
- Microcomputers: Apple Computers in Medicine and in the Laboratory 1980-May 86 (187)  
PB86-868874/CAW INSPEC
- MUMPS: Massachusetts General Hospital Utility Multiprogramming System 1975-Oct 86 (138)  
PB86-876760/CAW INSPEC

## Medical personnel

- \*Nurses: Manpower Supply, Needs, and Demand Jul 80-Feb 86 (345)  
PB86-860384/CAW NTIS
- \*Physicians: Manpower Supply, Needs, and Demand 1981-May 86 (158)  
PB86-868692/CAW NTIS

## Medical services

- Telecommunication in Medicine 1970-May 86 (154)  
PB86-870433/CAW NTIS

## Membranes

- Bioelectric Phenomena: Biomembranes 1975-Feb 86 (337)  
PB86-861473/CAW INSPEC
- Biomembranes: Biochemistry and Biophysics 1978-Mar 85 (167)  
PB85-856946/CAW INSPEC
- Cellulose Membrane Products 1970-Feb 86 (137)  
PB86-858321/CAW PTO
- Electrodialysis Desalination 1970-Sep 85 (156)  
PB85-868362/CAW Ei
- Geotextiles 1983-May 85 (81)  
PB85-860898/CAW NTIS
- Liquid Membranes 1970-Apr 86 (64)  
PB86-865995/CAW Ei
- Membrane Gas Separation 1976-Nov 86 (312)  
PB87-850657/CAW EDB
- Membrane Gas Separation 1970-Nov 86 (219)  
PB87-851044/CAW Ei
- Membrane Gas Separation 1970-1985 (162)  
PB86-855152/CAW NTIS
- \*Osmotic Desalting Membranes Feb 85-Jan 86 (70)  
PB86-857422/CAW Ei
- \*Osmotic Desalting Membranes 1973-Aug 86 (364)  
PB86-873692/CAW NTIS
- Reverse Osmosis Resins 1975-Mar 86 (186)  
PB86-859030/CAW RAPRA
- Water Permeability of Polymers 1973-Sep 86 (141)  
PB86-875127/CAW RAPRA

## Memory

- \*Information Processing in Humans Mar 82-Nov 86 (339)  
PB87-850673/CAW NTIS

## Memory devices

- Associative Memories 1970-Aug 86 (109)  
PB86-874070/CAW PTO
- Associative Memories or Associative Processing 1975-Jan 86 (230)  
PB86-855988/CAW INSPEC

- Cache Memories 1975-Jan 86 (133)  
PB86-855731/CAW INSPEC
- Cache Memories 1970-Mar 86 (126)  
PB86-860202/CAW PTO
- Computers: Shared Memory 1975-Feb 86 (162)  
PB86-864006/CAW INSPEC
- Direct Access Storage Devices 1975-Jan 86 (112)  
PB86-857125/CAW INSPEC
- Dynamic Random Access Memories 1970-1985 (120)  
PB86-854783/CAW PTO
- Erasable Optical Disks 1975-Jan 86 (53)  
PB86-856408/CAW INSPEC
- Erasable Optical Disks: Industry News and Applications Sep 83-Apr 86 (62)  
PB86-865771/CAW COM
- Erasable Programmable Read Only Memories 1970-May 86 (64)  
PB86-868429/CAW PTO
- \*Logic Testing of Integrated Logic and Integrated Memory Circuits Jul 84-May 86 (146)  
PB86-868783/CAW INSPEC
- \*Magnetic Bubble Memories Apr 83-1985 (203)  
PB86-853694/CAW INSPEC
- Magnetic Bubble Memories 1970-Mar 86 (148)  
PB86-859360/CAW PTO
- Memory Expansion Techniques and Equipment 1975-Feb 86 (105)  
PB86-857935/CAW INSPEC
- Nonvolatile Semiconductor Memories 1970-Mar 86 (133)  
PB86-860111/CAW PTO
- Nonvolatile Semiconductor Memory Circuits, Devices, and Systems 1970-Feb 86 (153)  
PB86-858024/CAW Ei
- Nonvolatile Semiconductor Memory Devices and Systems 1975-Jan 86 (340)  
PB86-855301/CAW INSPEC
- Optical Disc Systems for Information Storage and Retrieval 1975-Nov 86 (145)  
PB87-850517/CAW INSPEC
- Optical Memories 1970-1986 (224)  
PB87-852364/CAW NTIS
- Optical Memories 1970-Mar 86 (93)  
PB86-859956/CAW PTO
- Optical Memory Data Storage Jun 70-May 86 (219) Laser applications appear in a separate bibliography  
PB86-864527/CAW Ei
- Optical Memory Data Storage 1975-Feb 86 (162)  
PB86-858248/CAW INSPEC
- Optical Memory Data Storage: Laser Applications 1973-Sep 86 (216)  
PB86-875705/CAW Ei
- Semiconductor Memory Devices 1970-Jul 85 (196)  
PB85-864346/CAW PTO
- Smart Cards 1975-Sep 86 (97)  
PB86-875697/CAW INSPEC
- Write-Once Optical Data Storage 1983-Apr 86 (66)  
PB86-865045/CAW COM

## Metabolism

- Polybrominated Biphenyls: Metabolism and Toxicity 1978-Nov 85 (181)  
PB86-850146/CAW LSC

## Metal casting

- Continuous Metal Casting Jun 70-Jun 85 (171)  
PB85-863058/CAW Ei
- Investment Casting 1970-May 86 (194)  
PB86-865870/CAW Ei
- Ultrasonic Nondestructive Testing for Castings and Forgings 1966-Jun 86 (307)  
PB86-870193/CAW METADEX

## Metal finishing

- Abrasive Machining: A Surface Finishing Technique Apr 84-Mar 86 (53)  
PB86-860962/CAW METADEX
- Abrasive Machining: A Surface Finishing, Technique 1966-Mar 84 (346)  
PB85-856441/CAW METADEX
- \*Ceramic Tools for Metal Finishing and Cutting Jan 85-Dec 85 (65)  
PB86-853975/CAW METADEX
- Chemical Polishing, Machining, and Finishing 1966-Oct 85 (284)  
PB85-871150/CAW METADEX
- Electrochemical Machining and Metal Finishing 1973-Jun 85 (352)  
PB85-862753/CAW ISMEC
- Face Milling: Surface Finishing and Tool Life 1966-1985 (91)  
PB86-854577/CAW METADEX
- Powder Coatings: Industrial and Building Applications 1980-Jan 86 (215)  
PB86-860525/CAW WSC
- Surface Alloying 1975-May 85 (250)  
PB85-860351/CAW INSPEC
- Surface Alloying 1966-Nov 85 (345)  
PB86-852522/CAW METADEX
- Surface Hardening of Metals: Ion Nitriding 1977-Oct 85 (299)  
PB85-870889/CAW METADEX
- Toxic Material Control in the Metal Joining and Finishing Industries 1966-Apr 85 (240)  
PB85-857449/CAW METADEX

## Metal matrix composites

- \*Metal Matrix Composites 1978-1986 (291)  
PB87-853347/CAW NTIS

## Metal matrix composites

- Fiber Reinforced Aluminum Composites 1970-Nov 86 (226)  
PB87-851424/CAW Ei
- Fiber Reinforced Metal Composites (Excluding Aluminum) 1970-Nov 86 (219)  
PB87-851259/CAW Ei
- Metal Matrix Composites: Fatigue and Fracture Testing 1972-Aug 86 (132)  
PB86-874708/CAW IAA
- Metal Matrix Composites: Fatigue and Fracture Testing 1968-Sep 86 (70)  
PB86-874484/CAW METADEX

## Metal oxide semiconductors

- Power MOSFETS 1977-Feb 86 (272)  
PB86-858420/CAW INSPEC

## Metal working

- Annealing and Lubricants for the Cold Rolling of Steels 1973-Jun 85 (323)  
PB85-863223/CAW ISMEC
- Backward Extrusion Oct 78-Nov 85 (103)  
PB86-851862/CAW METADEX
- Cold Working of Metals Using Deep Drawing Techniques 1973-1985 (156)  
PB86-856432/CAW ISMEC
- Computer Controlled Forging Jun 70-Jun 85 (86)  
PB85-863702/CAW Ei
- \*Hot Forging of Large Metal Parts 1983-Aug 85 (148)  
PB85-865939/CAW METADEX
- Hydrostatic Pressing of Metals and Metal Composites 1966-Feb 86 (135)  
PB86-858206/CAW METADEX
- Isostatic Pressing Jun 70-Oct 86 (209)  
PB86-876851/CAW Ei
- Isostatic Pressing Jun 74-Jul 86 (244)  
PB86-870821/CAW IAA



- Laser Cutting and Machining: Metals 1970-May 86 (300)  
PB86-868825/CAW Ei
- \*Rolling Mill Automation and Control Systems 1983-Mar 86 (135)  
PB86-861226/CAW Ei  
Superplastic Forming 1979-Sep 85 (208)  
PB85-868701/CAW METADEX
- Ultrasonic Nondestructive Testing for Castings and Forgings 1966-Jun 86 (307)  
PB86-870193/CAW METADEX

## **Metallizing**

- Integrated and Printed Circuit Metallization 1970-Jul 85 (200)  
PB85-863686/CAW PTO
- \*Metallization of Plastics Mar 83-1986 (118)  
PB87-852182/CAW Ei
- \*Metallization of Plastics 1984-Nov 86 (97)  
Excludes immersion plating and ion plating technology  
PB87-850764/CAW METADEX
- \*Metallization of Plastics Nov 85-Nov 86 (95)  
PB87-851812/CAW RAPRA
- Metallized Films 1970-Jan 86 (72)  
PB86-855665/CAW PTO
- Metallized Polymer Films 1973-Jan 86 (115)  
PB86-855624/CAW RAPRA
- Metallizing Thermoplastics and Thermosets 1973-1985 (347)  
PB86-853181/CAW RAPRA

## **Metals**

- Abrasive Wear of Hard Metals 1975-Nov 85 (230)  
PB86-851755/CAW INSPEC
- Acid Mine Drainage 1977-Nov 85 (243)  
PB86-850336/CAW SWRA
- Anelastic Behavior of Metals Under Stress 1966-May 85 (235)  
PB85-859247/CAW METADEX
- Bacterial Metal Leaching and Bioaccumulation 1978-Jun 85 (265)  
PB85-862571/CAW LSC
- Bioaccumulation of Heavy Metals by Fish 1977-Aug 86 (134)  
PB86-872504/CAW SWRA
- Cadmium Exposure: Toxicity in Humans 1978-Apr 86 (280)  
PB86-866837/CAW LSC
- Ceramic-Metal Joining 1975-Jun 86 (86)  
PB86-871050/CAW INSPEC
- Consumable Electrode Melting for the Reprocessing and Purification of Metals 1966-Aug 85 (156)  
PB85-865905/CAW METADEX
- Degreasing Metals 1970-Mar 85 (117)  
PB85-856854/CAW PTO
- \*Electrodeposition Jun 81-Jun 86 (316) Includes electroforming  
PB86-869617/CAW NTIS
- Heavy Metals in Drinking Water: Standards, Sources, and Effects 1978-1986 (68)  
PB87-851960/CAW LSC
- Heavy Metals in Drinking Water: Standards, Sources, and Effects 1970-1986 (89)  
PB87-853321/CAW NTIS
- Heavy Metals in Drinking Water: Standards, Sources, and Effects 1977-1986 (117)  
PB87-852356/CAW SWRA
- \*Hydrogen Embrittlement of Metals 1981-Sep 86 (239)  
PB86-874336/CAW NTIS
- \*Metal Containing Liquid Wastes 1984-Jul 86 (143)  
PB86-871985/CAW Ei
- Metal Fatigue Testing: Techniques and Equipment 1966-Jun 86 (350)  
PB86-870177/CAW METADEX
- \*Metals Recovery from Wastes Dec 84-Nov 85 (234)  
PB85-872448/CAW EDB
- Metals Recovery from Wastes Jun 70-1985 (244)  
PB86-852811/CAW Ei
- Metals Recovery from Wastes 1966-1985 (198)  
PB86-854072/CAW METADEX
- Metals Recovery From Wastes 1977-1985 (224)  
PB86-854122/CAW SWRA
- Metals Separation Using Cation Exchange Resins 1966-Nov 85 (149)  
PB86-851441/CAW METADEX
- Metals Separation Using Anion Exchange Resins 1966-Apr 86 (181)  
PB86-866514/CAW METADEX
- Nondestructive Testing of Metals: Magnetic Methods 1973-Aug 85 (288)  
PB85-866986/CAW ISMEC
- \*Passivation of Metal: Mechanisms and Analysis Aug 83-Jul 85 (79)  
PB85-863959/CAW METADEX
- Prosthetic Devices: Metals and Alloys Utilization 1971-Mar 86 (107)  
PB86-861416/CAW Ei
- Rapid Quenching of Metals 1971-Mar 86 (259)  
Excludes forming or pressing of the metals after rapid quenching  
PB86-864675/CAW Ei
- \*Rapid Quenching of Metals Nov 83-Nov 86 (126) Excludes references to forming or pressing of the metals after being rapidly quenched  
PB87-850095/CAW METADEX
- Rapid Solidification of Metals 1970-Nov 86 (216)  
PB87-851895/CAW NTIS
- \*Recycling Metal Scrap Jun 70-Apr 86 (232)  
PB86-863917/CAW Ei
- Recycling Zinc Jun 76-Jul 86 (147)  
PB86-872090/CAW EDB
- Recycling Zinc 1977-Apr 85 (97)  
PB85-857647/CAW METADEX
- Recycling Zinc Jun 70-Sep 85 (183)  
PB85-868719/CAW NTIS
- Rubber to Metal Bonding 1973-1986 (254)  
PB87-852729/CAW RAPRA
- \*Sigma Phase Formation Effects: Metal Alloy Properties Nov 83-May 85 (52)  
PB85-860476/CAW METADEX
- Toxicity of Cobalt 1970-1985 (154)  
PB86-854189/CAW NTIS
- Toxicity of Manganese 1970-Jul 85 (190)  
PB85-864593/CAW NTIS
- Water Chemistry: Analysis for Heavy Metals 1977-May 83 (330)  
PB85-860831/CAW SWRA
- Water Chemistry: Analysis For Heavy Metals Jun 83-May 86 (94)  
PB86-866381/CAW SWRA
- Water Pollution: Uptake of Heavy Metals by Shellfish and Marine Plants 1974-Feb 86 (269)  
PB86-858719/CAW OCEANIC
- Welding of Dissimilar Metals 1970-Nov 86 (339)  
PB87-850483/CAW Ei
- X Ray Powder Diffraction Studies of Metals and Alloys 1966-Jul 86 (192)  
PB86-872124/CAW METADEX

## **Meteorological instruments**

- Air-Sea Interaction Instrumentation Jun 70-Jun 85 (287)  
PB85-863504/CAW NTIS

## **Methane**

- \*Biomass Conversion: Methane Production from Agricultural Wastes Jun 84-Jul 85 (155)  
PB85-865046/CAW EDB

- Biomass Conversion: Methane Production from Industrial, Municipal, and Marine Wastes 1978-Oct 85 (128)  
PB85-869139/CAW EDB
- \*Methane from Solid Wastes Apr 83-Apr 86 (181)  
Excludes agricultural wastes  
PB86-866118/CAW EDB
- Methane from Solid Wastes 1974-Nov 84 (106)  
PB85-853224/CAW Ei
- Water Hyacinths: Waste Treatment and Methane Production 1979-Oct 85 (170)  
PB85-870434/CAW EDB

## **Methanol**

- \*Alcohol Fuels Oct 85-Aug 86 (129)  
PB86-874443/CAW Ei
- \*Alcohol Fuels Sep 84-Aug 85 (182)  
PB85-866325/CAW NTIS

## **Metrication**

- Metrication in the United States 1970-May 85 (169)  
PB85-860658/CAW NTIS

## **Mexican foods**

- Tortilla Manufacturing 1972-Jun 86 (117)  
PB86-870599/CAW FSTA

## **Microcircuits**

- Cold Welding for Microcircuitry and Butt Joining of Tubes and Cables 1966-Apr 85 (205)  
PB85-857654/CAW METADEX
- \*Computer Aided Design of Microcircuits Dec 85-Nov 86 (272)  
PB87-850897/CAW Ei
- \*Computer Aided Design of Microcircuits 1985-Feb 86 (54)  
PB86-860038/CAW NTIS
- Hybrid Microelectronic Circuits Jun 76-Apr 85 (93)  
PB85-858439/CAW EDB
- Hybrid Microelectronic Circuits Jun 74-Oct 85 (305)  
PB85-869253/CAW IAA
- \*Integrated Circuits Reliability Apr 76-Aug 86 (315)  
PB86-872975/CAW NTIS
- \*Integrated Circuits: Reliability Feb 84-Mar 85 (149)  
PB85-857159/CAW EDB
- Microelectronic Circuits 1970-Nov 85 (117)  
PB85-872802/CAW PTO
- Nondestructive Testing for Microelectronics, Semiconductors, and Superconductors 1972-May 86 (137)  
PB86-864717/CAW IAA
- Nondestructive Testing for Microelectronics, Semiconductors, and Superconductors 1970-Jan 86 (218)  
PB86-857760/CAW NTIS

## **Microcomputers**

- Apple Lisa Computer 1983-Oct 85 (73)  
PB85-871804/CAW INSPEC
- Apricot Personal Computers 1984-Jan 85 (51)  
PB86-859501/CAW INSPEC
- Computer Aided Design and Manufacture Using Microcomputers 1970-Jan 86 (138)  
PB86-862554/CAW Ei
- Computer Aided Design and Manufacturing Using Microcomputers 1975-Jan 86 (348)  
PB86-862232/CAW INSPEC
- \*Computer Architecture Aug 83-Feb 86 (272)  
PB86-858081/CAW NTIS
- Computer Architectures 1970-Jan 86 (74)  
PB86-855145/CAW PTO
- Control Program for Microprocessors (CP/M) Operating Systems Dec 82-1984 (356)  
PB86-857851/CAW INSPEC



- Control Program for Microprocessors (CP/M) operating Systems 1985-Jan 86 (165)  
PB86-857869/CAW INSPEC
- CP/M-86 Microcomputer Operating System 1982-Jan 86 (142)  
PB86-861895/CAW INSPEC
- Digital Equipment Corporation's Micro VAX Computers Dec 83-Nov 86 (309)  
PB87-851853/CAW COM
- Digital Equipment Corporation's Micro VAX Computers: Market Aspects 1984-Nov 86 (52)  
PB87-851614/CAW INSPEC
- Epson HX-20 Lap Computers 1983-Jan 86 (78)  
PB86-856580/CAW INSPEC
- FORTH Programming Language: Utilization with Microcomputers 1977-1986 (150)  
PB87-852448/CAW INSPEC
- Hewlett Packard Personal and Portable Computers 1979-Jan 86 (59)  
PB86-857042/CAW INSPEC
- Intel 80286 Microprocessors 1975-Feb 86 (53)  
PB86-860707/CAW INSPEC
- Intel 8088 Microprocessors 1979-Nov 86 (217)  
PB87-851150/CAW INSPEC
- IBM Computers in the Office: Market Aspects 1983-Aug 86 (62)  
PB86-873023/CAW COM
- \*IBM Personal Computers and Compatible Equipment Apr 85-Mar 86 (75)  
PB86-859022/CAW INSPEC
- IBM PC Multiuser and Networking Systems 1983-Jan 86 (103)  
PB86-856853/CAW INSPEC
- Macintosh Apple Computers 1975-Sep 86 (293)  
PB86-875119/CAW INSPEC
- Memory Expansion Techniques and Equipment 1975-Feb 86 (105)  
PB86-857935/CAW INSPEC
- Micro-Mainframe Links: Forecasts and Markets 1983-Jun 86 (140)  
PB86-870466/CAW COM
- Microcomputer Applications for Libraries 1975-Feb 86 (198)  
PB86-853389/CAW INSPEC
- Microcomputer Controlled Systems 1970-Apr 85 (89)  
PB85-857878/CAW PTO
- Microcomputer Modems 1975-Feb 86 (220)  
PB86-864444/CAW INSPEC
- Microcomputer Utilization with Database Systems 1977-May 85 (194)  
PB85-858983/CAW INSPEC
- Microcomputers by Timex/Sinclair 1980-Jan 86 (241)  
PB86-855400/CAW INSPEC
- Microcomputers in the School and Classroom 1975-1985 (276)  
PB86-854809/CAW INSPEC
- Microcomputers: Apple Computer Games 1980-Jul 85 (146)  
PB85-864825/CAW INSPEC
- Microcomputers: Apple Computers in Education 1979-Apr 86 (150)  
PB86-865151/CAW INSPEC
- Microcomputers: Apple Computers in Medicine and in the Laboratory 1980-May 86 (187)  
PB86-868874/CAW INSPEC
- Microcomputers: Apple Graphics 1978-May 86 (325) Excludes computer games  
PB86-867579/CAW INSPEC
- Microcomputers: Applesoft BASIC Programming Language 1975-Mar 86 (109)  
PB86-861994/CAW INSPEC
- Microcomputers: Assembly Language Programming 1974-1985 (185)  
PB86-853876/CAW INSPEC
- Microcomputers: Atari BASIC Programming 1981-1985 (133)  
PB86-854817/CAW INSPEC

- Microcomputers: BASIC Programming and Games with the Commodore 20 and 64 1981-Feb 86 (323)  
PB86-858255/CAW INSPEC
- Microcomputers: Coding Applications for Television Transmission 1970-Aug 85 (104)  
PB85-867760/CAW Ei
- Microcomputers: Data and Software Security 1983-Aug 86 (150)  
PB86-874641/CAW COM
- Microcomputers: Data and Software Security 1974-Feb 86 (145)  
PB86-858172/CAW INSPEC
- Microcomputers: Fortran Programming Language 1974-Jan 86 (121)  
PB86-856416/CAW INSPEC
- Microcomputers: Japanese Competition 1983-Aug 86 (114)  
PB86-873262/CAW COM
- Microcomputers: PASCAL Programming Language 1977-Feb 86 (271)  
PB86-858164/CAW INSPEC
- Microcomputers: S-100 Bus 1978-Jan 86 (100)  
PB86-856366/CAW INSPEC
- \*Microcomputers: Telecommunication Applications Nov 81-Aug 85 (376)  
PB85-866267/CAW Ei
- Microcomputers: Texas Instruments 1975-Jan 86 (162)  
PB86-855442/CAW INSPEC
- \*Microcomputers: The Commodore 20 and 64 1985-1986 (201) Excludes BASIC programming and games  
PB87-852083/CAW INSPEC
- Microprocessors Used in Motor Vehicles 1974-1985 (83)  
PB86-854619/CAW Ei
- Microprocessors Used in Motor Vehicles 1975-Sep 86 (211)  
PB86-874187/CAW INSPEC
- \*Microprocessors: Industrial Process Control Applications Aug 84-1986 (182)  
PB87-852273/CAW Ei
- Microsoft Basic Computer Programming 1979-Jan 86 (174)  
PB86-859535/CAW INSPEC
- \*Motorola 68000 16-Bit Microprocessors Nov 85-Oct 86 (150) Excludes Motorola MC 68020 32-bit microprocessors  
PB86-876547/CAW INSPEC
- Multibus Computer System 1975-Oct 86 (280)  
PB86-876646/CAW INSPEC
- Northstar Computers 1975-Feb 86 (59)  
PB86-861754/CAW INSPEC
- \*Personal Computing: Trends and Forecasting Oct 84-Sep 86 (241)  
PB86-875184/CAW INSPEC
- \*Portable Microcomputers Feb 85-Mar 86 (178)  
PB86-861523/CAW INSPEC
- Sharp Family of Microcomputers 1975-May 86 (109)  
PB86-866274/CAW INSPEC
- Supermicrocomputers 1975-Nov 85 (66)  
PB86-850260/CAW INSPEC
- STD BUS System for Microcomputers 1979-Nov 85 (59)  
PB86-851565/CAW INSPEC
- Transputers and the OCCAM Programming Language 1975-May 86 (100)  
PB86-869369/CAW INSPEC
- VME Bus: Versatile Microprocessor Bus 1982-Oct 86 (189)  
PB86-876745/CAW INSPEC
- Xenix Microcomputer Operating System 1975-Oct 86 (113)  
PB86-876679/CAW INSPEC

## Microelectronics

- Cold Welding for Microcircuitry and Butt Joining of Tubes and Cables 1966-Apr 85 (205)  
PB85-857654/CAW METADEX

- High Density Packaging: Electronics 1970-1986 (290)  
PB87-852521/CAW Ei
- High Density Packaging: Electronics 1970-Nov 86 (208)  
PB87-851523/CAW NTIS
- Microelectronics and Semiconductor Technology: Technological Forecasting 1979-Oct 86 (172)  
PB86-876034/CAW INSPEC
- Three-Dimensional Integrated Circuits 1975-May 86 (74)  
PB86-868411/CAW INSPEC

## Microforms

- \*Computer Output to Microfilm (COM) Jul 83-Mar 86 (137)  
PB86-861366/CAW INSPEC
- Microfilm and Microfiche Photography 1975-Mar 86 (50)  
PB86-863578/CAW INSPEC
- Microform Reader/Printers 1980-Mar 86 (194)  
PB86-863172/CAW PTO

## Microorganisms

- Cryopreservation of Microorganisms 1978-Aug 85 (67)  
PB85-865822/CAW LSC
- Microbiology of Groundwater 1978-Apr 86 (72)  
PB86-866522/CAW LSC
- Microbiology of Groundwater 1977-Sep 86 (151)  
PB86-875077/CAW SWRA
- Mycotoxin Carcinogenicity in Food 1972-Nov 85 (85)  
PB86-850070/CAW FSTA
- Packaged Foods: Microbiological Analysis 1982-Aug 86 (116)  
PB86-874617/CAW PSTA

## Microprocessors

- Bit Slice Computers 1975 Oct 85 (169)  
PB85-870129/CAW INSPEC
- Computer Storage Access Time 1975-Oct 85 (345)  
PB85-871317/CAW INSPEC
- Floating Point Microprocessor Chips 1975-Aug 86 (110)  
PB86-874104/CAW INSPEC
- Intel 80286 Microprocessors 1975-Feb 86 (53)  
PB86-860707/CAW INSPEC
- Intel 8086 Microprocessor 1978-Oct 86 (343)  
PB86-876737/CAW INSPEC
- Intel 8088 Microprocessors 1979-Nov 86 (217)  
PB87-851150/CAW INSPEC
- Interfacing Techniques and Devices in Microprocessor-Controlled Systems 1975-Mar 86 (76)  
PB86-861135/CAW INSPEC
- Microprocessor Architecture 1974-1984 (284)  
PB85-852010/CAW Ei
- Microprocessor Control Equipment 1970-Jun 85 (57)  
PB85-862738/CAW PTO
- Microprocessors Used for Electric Motor Controls and Monitors 1975-Mar 86 (313)  
PB86-860640/CAW INSPEC
- Microprocessors: Aircraft and Avionics 1975-Jun 85 (142)  
PB85-863462/CAW NTIS
- Microprocessors: HVAC System Control 1979-Feb 86 (92)  
PB86-858727/CAW EDB
- Microprocessors: Spacecraft 1975-Jul 86 (208)  
PB86-870854/CAW IAA
- Motorola MC68020 32-Bit Microprocessors Mar 83-1986 (82)  
PB87-852901/CAW INSPEC



- \*Motorola 68000 16-Bit Microprocessors Nov 85-Oct 86 (150) Excludes Motorola MC 68020 32-bit microprocessors  
PB86-876547/CAW INSPEC
- National Semiconductor NS 32000 Microprocessor Family 1984-Oct 86 (73)  
PB86-876190/CAW INSPEC
- National Semiconductor NS16000 Microprocessor Family 1980-Nov 85 (83)  
PB86-852019/CAW INSPEC
- Thirty-two Bit Microprocessors 1975-Oct 86 (259)  
PB86-877081/CAW INSPEC
- Zilog Z8000 Family of Microprocessors 1979-Nov 85 (170)  
PB86-851227/CAW INSPEC

### Microstrip

- \*Strip Transmission Lines Nov 84-Oct 85 (137)  
PB85-870541/CAW Ei
- \*Strip Transmission Lines 1979-Aug 85 (303)  
PB85-865814/CAW NTIS

### Microtubules

- Microtubule Structures 1978-Aug 86 (120)  
PB86-874575/CAW LSC

### Microwave communication

- \*Microwave Communications Aug 81-Sep 85 (151)  
PB85-868560/CAW NTIS
- Microwave Link Design 1975-Aug 85 (174)  
PB85-866895/CAW INSPEC
- Satellite Networks 1975-Mar 86 (98)  
PB86-861051/CAW INSPEC

### Microwave equipment

- Klystron Tubes 1974-1985 (188)  
PB86-854759/CAW INSPEC
- Microwave Amplifier Design 1975-Mar 86 (285)  
PB86-862711/CAW INSPEC
- \*Microwave Antennas: Design Nov 85-Oct 86 (54)  
PB86-876091/CAW IAA
- Microwave Antennas: Design 1975-Oct 86 (261)  
PB86-875911/CAW INSPEC
- Microwave Circulators 1973-Jul 85 (305)  
PB85-865111/CAW INSPEC
- Microwave Devices 1970-Sep 86 (149)  
PB86-874542/CAW PTO
- Microwave Filter Design 1975-Apr 85 (155)  
PB85-858652/CAW INSPEC
- Microwave Integrated Circuit Design 1976-Mar 86 (262)  
PB86-862406/CAW INSPEC
- \*Microwave Mixers 1984-Jun 86 (172)  
PB86-868767/CAW INSPEC
- Microwave Switches and Attenuators 1975-Jan 86 (140)  
PB86-860327/CAW INSPEC
- Monolithic Microwave Integrated Circuits 1978-1986 (353)  
PB87-851945/CAW INSPEC
- \*Phase Shifters 1978-May 86 (173)  
PB86-868585/CAW Ei
- \*Phase Shifters Aug 81-Oct 85 (136)  
PB85-870590/CAW NTIS
- \*Strip Transmission Lines Nov 84-Oct 85 (137)  
PB85-870541/CAW Ei
- \*Strip Transmission Lines 1979-Aug 85 (303)  
PB85-865814/CAW NTIS

### Microwave heating

- \*Industrial Heating Technology Aug 83-1985 (66)  
PB86-855202/CAW Ei
- Microwave Heating: Industrial Applications 1970-Aug 86 (348)  
PB86-873551/CAW Ei

- Packaging for Microwave Oven Cooking 1976-Apr 86 (145)  
PB86-864626/CAW PIRA

### Microwave oscillators

- \*Microwave Oscillators Apr 80-Aug 86 (116)  
PB86-873684/CAW NTIS

### Microwave ovens

- Microwave Food Processing 1972-Jun 86 (216)  
Excludes home cooking  
PB86-870581/CAW FSTA

### Microwave transmission

- \*Microwave Electric Power Transmission Oct 81-Mar 85 (49) Primarily includes transmission from space solar collectors  
PB85-857373/CAW NTIS

### Microwaves

- \*Biological Effects of Microwave Radiation Feb 84-May 86 (127)  
PB86-866449/CAW INSPEC
- \*Biological Effects of Microwaves 1978-Jul 86 (244)  
PB86-871662/CAW NTIS

### Military aircraft

- Military Helicopters 1970-Mar 85 (346)  
PB85-856367/CAW Ei

### Military operations

- Insurgency and Counterinsurgency in Military Affairs 1980-Jun 86 (89)  
PB86-869633/CAW NTIS
- Militarization of Space 1970-1986 (120)  
PB87-853065/CAW NTIS
- Operations Research Applied to Military Systems Jun 70-Jul 86 (370)  
PB86-871225/CAW NTIS
- War Gaming for Strategic and Tactical Nuclear Warfare 1970-Jan 86 (312)  
PB86-856150/CAW NTIS

### Military personnel

- \*Work Attitudes in the Military 1980-Apr 86 (275)  
PB86-868056/CAW NTIS

### Milk

- Dried Milk and Dried Milk Products: Manufacture, Packaging, and Storage 1972-Apr 86 (311)  
PB86-865714/CAW FSTA
- Pesticide Residues in Milk and Other Dairy Products 1972-Jul 85 (342)  
PB85-864429/CAW FSTA

### Mind machines

- Multiple Instruction-Multiple Data Stream Computer Architecture 1976-May 86 (137)  
PB86-869096/CAW INSPEC

### Mine acid drainage

- \*Acid Mine Drainage Oct 78-Apr 86 (161)  
PB86-863024/CAW NTIS
- Acid Mine Drainage 1977-Nov 85 (243)  
PB86-850336/CAW SWRA

### Mine safety

- Mine Safety: Fires and Explosions 1970-Sep 86 (353)  
PB86-874252/CAW NTIS
- \*Mine Safety: Occupational Health--General Studies Sep 80-Feb 85 (247)  
PB85-855575/CAW NTIS

### Mine wastes

- Coal Mine Wastes 1970-May 85 (164) Includes studies on the control, disposal, and types of wastes.  
PB85-859676/CAW NTIS

- Coal Mine Wastes 1977-Sep 85 (169)  
PB85-868347/CAW SWRA

### Mineral treatment

- Flotation Separation of Gold and Silver Particles 1966-Nov 85 (198)  
PB85-872570/CAW METADEX

- \*Ore Treatment Techniques Mar 83-Jan 85 (204)  
Includes pollution control  
PB85-853877/CAW Ei

### Minerals

- Legal Aspects of Maritime Boundaries: Offshore Mineral and Fishing Rights 1974-Nov 84 (323)  
PB85-851434/CAW OCEANIC

- Remote Sensing Applied to Geology and Mineralogy 1973-1985 (371)  
PB86-853959/CAW NTIS

### Minicomputers

- \*Computer Architecture Aug 83-Feb 86 (272)  
PB86-858081/CAW NTIS
- Hewlett-Packard Minicomputers 1975-Apr 86 (226)  
PB86-864311/CAW INSPEC
- IBM Series/1 Minicomputers 1977-Oct 86 (105)  
PB86-876828/CAW INSPEC
- Memory Expansion Techniques and Equipment 1975-Feb 86 (105)  
PB86-857935/CAW INSPEC
- Superminicomputers 1975-Oct 86 (119)  
PB86-877149/CAW INSPEC
- VAX 11/780 Computers 1975-Oct 85 (58)  
PB85-869832/CAW INSPEC

### Mining

- \*Electroexplosive Devices Jun 70-Aug 86 (95)  
PB86-873700/CAW Ei
- Electroexplosive Devices 1970-Apr 86 (225)  
PB86-866241/CAW NTIS
- Manganese Nodules: Formulation, Distribution, and Recovery 1974-Jul 85 (339)  
PB85-865335/CAW OCEANIC
- \*Mine Hoists and Hauling Mar 82-Mar 86 (108)  
PB86-865516/CAW Ei
- Mine Hoists and Hauling 1970-Jun 86 (364)  
PB86-870557/CAW NTIS
- Plastics and Elastomers: Mining Applications 1973-Nov 85 (267)  
PB85-872356/CAW RAPRA
- Roofs and Roofing Technology 1974-Mar 85 (137)  
PB85-856557/CAW ISMEC
- Strip Mining: Hydrology 1977-Jan 86 (263)  
PB86-857257/CAW SWRA
- \*Uranium Mining and Milling Environmental Studies Feb 84-Mar 85 (163)  
PB85-857589/CAW NTIS

### Minority groups

- Affirmative Action in Equal Employment Opportunity 1970-1985 (280)  
PB86-854668/CAW NTIS

### Mirrors

- Laser Mirrors 1975-Aug 86 (321)  
PB86-873973/CAW INSPEC
- Laser Mirrors 1976-Aug 86 (128)  
PB86-874161/CAW SPIN
- Optical Phase Conjugation: Mirrors 1979-Jan 86 (146)  
PB86-856077/CAW INSPEC

### Missiles

- Ablation and Ablative Materials: Aerospace Applications and Materials Studies 1977-Apr 86 (308) Excludes plasma physics and nuclear fusion  
PB86-863453/CAW NTIS



- \*Aerospace Computer Systems: Space and Guided Missile Applications Dec 84-Nov 86 (226)  
PB87-851556/CAW NTIS
- \*Airfoils: Drag, Turbulent Flow, and Vibration Reduction Jul 84-Jun 85 (55)  
PB85-863363/CAW ISMEC
- Guided Missile Silos 1970-Nov 85 (188)  
PB86-851466/CAW NTIS

## Mixers(Electronics)

- \*Microwave Mixers 1984-Jun 86 (172)  
PB86-868767/CAW INSPEC

## Mobile equipment

- \*Cellular Radio Mar 85-Mar 86 (175)  
PB86-859683/CAW INSPEC
- Land Mobile Communications 1970-Nov 86 (245)  
PB87-850723/CAW NTIS
- Mobile Communications: Privacy and Security 1975-Apr 86 (50)  
PB86-866233/CAW INSPEC
- Mobile Telephone and Paging Systems Jun 70-Jun 86 (281)  
PB86-869773/CAW Ei

## Mobile homes

- Mobile Homes and Recreational Vehicles: Design and Construction 1972-Jul 86 (158)  
PB86-871860/CAW Ei
- Prefabricated Homes Jun 70-Feb 86 (185)  
PB86-861200/CAW NTIS

## Modems

- Microcomputer Modems 1975-Feb 86 (220)  
PB86-864444/CAW INSPEC
- \*Modems Nov 80-1985 (193)  
PB86-853751/CAW Ei
- \*Modems Feb 82-Mar 86 (76)  
PB86-863099/CAW NTIS
- Modems 1970-Feb 86 (132)  
PB86-857984/CAW PTO
- Modems: Frequency Shift Keying Systems 1975-Sep 85 (87)  
PB85-867208/CAW INSPEC
- Modems: Phase Shift Keying Systems 1975-Aug 86 (138)  
PB86-872660/CAW INSPEC
- Smart Modems 1983-Jul 86 (125)  
PB86-872207/CAW COM

## Modulation

- Adaptive Differential Pulse Code Modulation-ADPCM Dec 75-Jan 86 (219)  
PB86-854965/CAW INSPEC
- Delta Modulation 1972-1985 (162)  
PB86-853736/CAW IAA
- Frequency Shift Keying 1970-Jul 85 (184)  
PB85-862381/CAW PTO
- Frequency Shift Keying: Communications Systems 1971-Mar 86 (86)  
PB86-861341/CAW Ei
- Modems: Frequency Shift Keying Systems 1975-Sep 85 (87)  
PB85-867208/CAW INSPEC
- Modems: Phase Shift Keying Systems 1975-Aug 86 (138)  
PB86-872660/CAW INSPEC
- Phase Shift Keying for Satellite Communications 1972-Oct 85 (351)  
PB85-871952/CAW IAA
- Satellite Switched Time Division Multiple Access-SS/TDMA 1975-Jan 86 (97)  
PB86-856697/CAW INSPEC

## Molding materials

- Bulk, Sheet, and Dough Molding Compounds: Electronic and Electrical Applications 1973-Sep 86 (143)  
PB86-874930/CAW RAPRA
- \*Foundry Sand and Binder Technology: Iron and Steel Casting Nov 83-Nov 85 (55)  
PB85-872224/CAW METADEX
- \*Injection Molding Machinery and Accessories Dec 85-Nov 86 (298)  
PB87-851507/CAW RAPRA
- Machinery for Rubber Processing 1970-Feb 86 (331)  
PB86-860103/CAW Ei
- Mold Release Agents 1970-Sep 85 (112)  
PB85-867497/CAW PTO
- \*Mold Release Agents for Rubbers and Plastics 1985-1986 (95)  
PB87-852125/CAW RAPRA
- Sheet Molding Compounds 1970-Apr 86 (97)  
PB86-866373/CAW PTO
- Sheet Molding Compounds: Automotive Applications 1973-Jul 86 (212)  
PB86-873163/CAW RAPRA

## Molding techniques

- Blow Molding Methods and Machines 1970-Jan 86 (368)  
PB86-857612/CAW PTO
- Boats: Polymers and Polymer Processing 1973-Oct 85 (250)  
PB85-870715/CAW RAPRA
- Extrusion Blow Molding of Thermoplastics 1973-Apr 86 (248)  
PB86-865748/CAW RAPRA
- Foundry Coremaking: Molding Techniques 1973-Nov 85 (257)  
PB85-872729/CAW ISMEC
- Gel Coatings as Protective and Release Coatings 1973-Jun 86 (263)  
PB86-869856/CAW RAPRA
- In-Mold Labelling and Decorating 1973-Apr 86 (66)  
PB86-862026/CAW RAPRA
- \*Injection Molding of Polypropylenes Jul 82-Jun 85 (178)  
PB85-861508/CAW RAPRA
- Molding Thermosetting and Thermoplastic Structural Foam 1970-Oct 86 (271)  
PB86-876794/CAW Ei
- \*Molding Thermosetting and Thermoplastic Structural Foam Dec 84-1985 (54)  
PB86-854510/CAW RAPRA
- Polyvinylidene Fluoride: Reinforcers and Processing 1977-Apr 86 (174)  
PB86-863768/CAW RAPRA
- Reaction Injection Molding 1970-Feb 85 (52)  
PB85-855419/CAW PTO
- Reaction Injection Molding of Elastomers Jun 70-Oct 86 (293)  
PB86-876992/CAW Ei
- Thermoset Molding Jun 70-Oct 85 (192)  
PB85-870806/CAW Ei

## Molecular beam epitaxy

- Molecular Beam Epitaxy 1970-Jun 86 (62)  
PB86-870110/CAW PTO
- \*Molecular Beam Epitaxy: Principles and Non-Gallium Arsenide Applications Jul 84-Jun 86 (309)  
PB86-869377/CAW INSPEC

## Molecular sieves

- \*Molecular Sieves 1982-Apr 86 (348)  
PB86-865805/CAW EDB
- Molecular Sieves 1970-Nov 85 (191)  
PB86-851839/CAW NTIS

## Molecular structure

- Polyvinylidene Fluoride: Structure and Degradation 1976-Oct 85 (241)  
PB85-869618/CAW RAPRA
- Ultra-High Molecular Weight Polyethylene 1973-Feb 86 (167)  
PB86-857927/CAW RAPRA
- Ultra-High Molecular Weight Polymers 1970-Jan 86 (59)  
PB86-856622/CAW Ei

## Mollusca

- Ecology of Freshwater Molluscs 1980-Aug 85 (109)  
PB85-866663/CAW LSC
- Ecology of Marine Molluscs 1980-Jun 85 (94)  
PB85-861888/CAW LSC

## Molybdenum compounds

- Molybdenum Disulfide Lubrication Jun 70-Sep 85 (124)  
PB85-868842/CAW Ei

## Mooring

- Mooring Cables 1970-Nov 85 (267)  
PB86-850898/CAW Ei

## Motion studies

- Time and Motion Studies 1970-1984 (298)  
PB85-853760/CAW Ei
- Time and Motion Studies: Work Measurement and Productivity 1973-Jul 85 (193)  
PB85-864759/CAW ISMEC

## Motivation

- \*Productivity Improvement, Analysis, and Techniques Feb 84-Feb 86 (89)  
PB86-859600/CAW MC

## Motor homes

- Mobile Homes and Recreational Vehicles: Design and Construction 1972-Jul 86 (158)  
PB86-871860/CAW Ei

## Motor vehicle aerodynamics

- Aerodynamic Forces on Motor Vehicles 1970-Oct 85 (240)  
PB85-872687/CAW Ei
- Aerodynamic Forces on Motor Vehicles 1970-Jul 85 (177)  
PB85-864601/CAW NTIS
- Automotive Aerodynamics 1973-Feb 86 (107)  
PB86-858503/CAW ISMEC

## Motor vehicle operators

- \*Drinking Drivers 1979-Mar 86 (305)  
PB86-859220/CAW NTIS
- Driver Behavior Under Abnormal Conditions: Physical Impairment, Drugs, and Gases 1970-Sep 85 (145)  
PB85-868073/CAW NTIS
- Driver Education 1970-1985 (203)  
PB86-854726/CAW NTIS
- Motorcycle Safety, Environmental Effects, and Performance Studies 1970-Feb 86 (228)  
PB86-857448/CAW NTIS

## Motor vehicles

- Auto and Truck Suspension Systems Jun 70-Nov 85 (331)  
PB85-872299/CAW Ei
- \*Automobile Impact Tests Sep 80-Nov 86 (133)  
PB87-851002/CAW NTIS
- Automobile Safety: Seat Belts 1970-May 86 (203)  
PB86-868403/CAW Ei
- Automobile Safety: Bumpers 1970-Mar 85 (154)  
PB85-856813/CAW Ei



- \*Automobile Safety: Seat Belts Nov 84-Oct 86 (72)  
PB86-876463/CAW NTIS
- Automotive Emission Standards 1970-Apr 86 (251)  
PB86-865276/CAW POLLUTION
- Child Restraint Systems 1970-Feb 86 (52)  
PB86-860251/CAW NTIS
- Human Factors Engineering in Motor Vehicles 1976-Feb 86 (173)  
PB86-858594/CAW Ei
- Internal Combustion Engines: Catalytic Converters 1976-1985 (363)  
PB86-856176/CAW EDB
- Microprocessors Used in Motor Vehicles 1974-1985 (83)  
PB86-854619/CAW Ei
- Microprocessors Used in Motor Vehicles 1975-Sep 86 (211)  
PB86-874187/CAW INSPEC
- Motor Vehicle and Rail Accidents: Computer Analysis 1970-Sep 86 (213)  
PB86-875093/CAW NTIS
- Motor Vehicle Brake Systems 1973-May 86 (331)  
PB86-864493/CAW ISMEC
- Motor Vehicle Steering Systems 1973-May 86 (209)  
PB86-866043/CAW ISMEC
- Motor Vehicle Suspension Systems: Vibrational Effects and Stability 1973-1985 (271)  
PB86-855004/CAW ISMEC
- Noise Control for Motor Vehicles 1970-1985 (189)  
PB86-852498/CAW NTIS

## Motorcycles

- Motorcycle Safety, Environmental Effects, and Performance Studies 1970-Feb 86 (228)  
PB86-857448/CAW NTIS

## Mufflers

- Noise Control for Motor Vehicles 1970-1985 (189)  
PB86-852498/CAW NTIS

## Multiplexing

- \*Digital Communication Systems: Multiplexing and Switching Jul 83-Jul 86 (275)  
PB86-870565/CAW Ei
- Fiber Optic Multiplexing 1975-1986 (102)  
PB87-853362/CAW Ei
- Multiplexing in Aircraft Jun 74-Oct 85 (157)  
PB85-872745/CAW IAA
- Statistical Multiplexers 1975-Apr 85 (70)  
PB85-859593/CAW INSPEC

## Multiprocessing

- Fault Tolerant Computers and Multiprocessing 1975-May 86 (146)  
PB86-868676/CAW INSPEC

## Multiprogramming

- Multiple Instruction-Multiple Data Stream Computer Architecture 1976-May 86 (137)  
PB86-869096/CAW INSPEC

## Mumps system

- MUMPS: Massachusetts General Hospital Utility Multiprogramming System 1975-Oct 86 (138)  
PB86-876760/CAW INSPEC

## Munitions Industry

- \*Pollution Caused by Ammunition Manufacturing Feb 83-Sep 86 (111)  
PB86-875788/CAW NTIS

## Muscles

- \*Bioelectric Phenomena: Muscles Apr 83-Aug 85 (167)  
PB85-866820/CAW INSPEC

## Mushrooms

- Mushroom Industry 1972-1985 (169)  
PB86-854650/CAW FSTA

## Music

- Acoustics of Musical Instruments 1975-Jun 86 (322) Excludes architectural acoustics  
PB86-870169/CAW INSPEC

## Mycotoxins

- Mycotoxin Carcinogenicity in Food 1972-Nov 85 (85)  
PB86-850070/CAW FSTA

## Narcotics

- Driver Behavior Under Abnormal Conditions: Physical Impairment, Drugs, and Gases 1970-Sep 85 (145)  
PB85-868073/CAW NTIS

## Nasicon

- NASICON AND NASICON Type Materials 1970-Aug 86 (70)  
PB86-873304/CAW Ei

## Nastran

- Structural Mechanics Software: Nastran 1974-Jul 85 (183)  
PB85-864247/CAW IAA
- Structural Mechanics Software: Nastran 1970-Jan 86 (334)  
PB86-855996/CAW NTIS

## Natural disasters

- \*Disasters: Effects, Preparedness, Assessment, and Recovery Feb 82-Apr 86 (99) Excludes disasters from nuclear warfare  
PB86-866696/CAW NTIS

## Natural gas

- \*Geological Surveys for Petroleum and Natural Gas Sep 83-May 85 (311)  
PB85-859643/CAW EDB
- Natural Gas: Alternative Automotive Fuel 1976-1985 (110)  
PB86-856689/CAW EDB
- Natural Gas: Marine Transportation 1974-May 85 (299)  
PB85-861656/CAW OCEANIC
- Petroleum and Natural Gas: Factors Affecting Market Value 1976-Oct 85 (204)  
PB85-871259/CAW EDB

## Natural language processing

- Natural Language Processing 1970-Apr 86 (266)  
PB86-864642/CAW Ei
- \*Natural Language Processing 1978-Oct 86 (290)  
PB86-876521/CAW NTIS
- Natural Language Processing and Understanding 1974-Jul 86 (279)  
PB86-870813/CAW INSPEC
- Natural Language Question Answering 1975-1986 (55)  
PB87-852315/CAW INSPEC

## Natural rubber

- Antioxidants and Stabilizers for Rubber Jun 70-Aug 86 (186)  
PB86-873544/CAW Ei
- Machinery for Rubber Processing 1970-Feb 86 (331)  
PB86-860103/CAW Ei
- \*Natural and Synthetic Rubbers: Abrasion Resistance Aug 83-Oct 85 (199)  
PB85-871119/CAW RAPRA
- Natural Adhesives Jun 70-May 86 (99)  
PB86-868494/CAW Ei
- Reinforced Natural Rubber and Elastomer Products 1978-Nov 85 (239)  
PB85-872323/CAW RAPRA

## Navier Stokes equations

- \*Numerical Methods in Fluid Flow Problems Dec 84-Nov 86 (379)  
PB87-851671/CAW NTIS

## Navigation

- \*Inertial Navigation and Guidance 1981-Aug 86 (190)  
PB86-872678/CAW NTIS
- NAVSTAR Global Positioning System 1972-Nov 86 (334)  
PB87-850798/CAW IAA
- NAVSTAR Global Positioning System 1977-Oct 86 (258)  
PB86-875879/CAW INSPEC
- NAVSTAR Global Positioning System 1970-Oct 86 (245)  
PB86-877065/CAW NTIS

## Navigation computers

- \*Aerospace Computer Systems: Avionics Applications Aug 81-Sep 85 (337)  
PB85-868826/CAW NTIS
- \*Aerospace Computer Systems: Space and Guided Missile Applications Dec 84-Nov 86 (226)  
PB87-851556/CAW NTIS

## Navigational aids

- Gyrocompasses 1972-May 85 (224)  
PB85-861524/CAW IAA
- Gyrocompasses 1970-May 86 (112)  
PB86-868296/CAW NTIS
- Navigational Aids 1970-Aug 85 (105)  
PB85-866770/CAW PTO

## Neodymium YAG lasers

- Neodymium YAG (Yttrium Aluminum Garnet) Lasers 1970-May 86 (304)  
PB86-867629/CAW NTIS
- \*Neodymium YAG Lasers Sep 83-Oct 85 (145)  
PB85-871978/CAW INSPEC

## Nervous system

- Bioelectric Phenomena: Nervous Systems 1975-Aug 85 (236)  
PB85-866176/CAW INSPEC

## Network flows

- Graph Theory Algorithms for Network Topology and Design 1975-1985 (128)  
PB86-853553/CAW INSPEC
- Graph Theory Algorithms for Network Topology and Design 1970-1985 (100)  
PB86-853546/CAW NTIS

## Neural networks

- Neural Networks: Modeling and Cybernetics 1975-Jul 86 (88)  
PB86-872058/CAW INSPEC

## Neurology

- Antidepressant Drugs: Neurobiological Studies 1982-Jan 86 (151)  
PB86-856499/CAW LSC
- Neurological and Psychological Testing: Computer Applications 1975-Mar 85 (121)  
PB85-856938/CAW INSPEC

## Neutron activation analysis

- Nondestructive Testing: Neutron Radiography and Neutron Activation 1975-May 85 (278)  
PB85-859973/CAW INSPEC

## Nickel

- Electroplating of Nickel 1976-Mar 85 (200)  
PB85-856870/CAW EDB
- Electroplating of Nickel 1970-Oct 85 (211)  
PB85-870624/CAW NTIS



- Laser Beam Welding: Nickel, Titanium, and Their Alloys 1966-Mar 86 (204)  
PB86-862836/CAW METADEX
- Protective Coatings for Nickel and Nickel Alloys 1966-Oct 86 (250) Excludes electrodeposited coatings  
PB86-876588/CAW METADEX
- \* Toxicity of Nickel Jun 83-May 85 (183)  
PB85-861623/CAW EDB
- Toxicity of Nickel 1970-Jun 86 (248)  
PB86-870136/CAW NTIS

## Nickel alloys

- Adhesive Bonding of Nickel Base Alloys 1966-May 86 (212)  
PB86-866654/CAW METADEX
- Corrosion Resistance of Nickel and Nickel Alloys 1973-Aug 86 (209)  
PB86-874559/CAW ISMEC
- Corrosion Resistant Nickel Alloys for High Sulfur and Chloride Environments 1974-Mar 85 (105)  
PB85-856144/CAW METADEX
- Electrodeposition of Nickel Base Alloys 1966-Mar 86 (346)  
PB86-860939/CAW METADEX
- Laser Beam Welding: Nickel, Titanium, and Their Alloys 1966-Mar 86 (204)  
PB86-862836/CAW METADEX
- Nickel Superalloys 1970-Mar 86 (91)  
PB86-861713/CAW PTO
- Nitinol: Development and Applications 1977-Jun 86 (82)  
PB86-869609/CAW EDB
- Protective Coatings for Nickel and Nickel Alloys 1966-Oct 86 (250) Excludes electrodeposited coatings  
PB86-876588/CAW METADEX
- \* Superalloys Feb 84-Apr 86 (296)  
PB86-863602/CAW Ei
- Superalloys: Performance and Applications 1973-Nov 86 (218)  
PB87-850053/CAW ISMEC

## Nickel cadmium batteries

- \* Nickel Cadmium Batteries 1977-Oct 86 (182)  
PB87-850152/CAW NTIS

## Night vision

- Night Vision and Dark Adaptation 1970-Oct 86 (237)  
PB86-877057/CAW NTIS

## Night vision devices

- Night Vision Devices 1970-Jun 86 (309)  
PB86-871415/CAW NTIS
- Night Vision Devices 1970-Jun 86 (49)  
PB86-871357/CAW PTO

## Nisin

Nisin in Foods 1972-Feb 85 (118)  
PB85-854909/CAW FSTA

## Nitriding

Nitriding Techniques for the Hardening of Steels 1973-Oct 85 (219)  
PB85-871564/CAW ISMEC

## Nitrogen fixation

Nitrogen Fixation 1977-Sep 85 (135)  
PB85-868412/CAW SWRA

\* Nitrogen Fixation in Agriculture and Aquaculture Jun 83-Sep 85 (120)  
PB85-868651/CAW EDB

## Noise pollution

- Acoustic Intensity Measurement 1975-Aug 86 (343)  
PB86-872694/CAW INSPEC
- Aircraft Gas Turbine Engines: Noise Reduction and Vibration Control 1973-Jul 86 (279)  
PB86-871456/CAW ISMEC

- Architectural Acoustics 1975-Mar 86 (214)  
PB86-861432/CAW INSPEC
- Building Acoustics 1970-Nov 85 (298)  
PB86-850641/CAW Ei
- Building Acoustics 1970-Aug 85 (134)  
PB85-866028/CAW PTO
- Fabric Acoustic Insulation: Manufacture and Applications 1978-Apr 86 (189)  
PB86-867272/CAW WTA
- Highway Traffic Noise 1970-Feb 85 (270)  
Includes planning, control, and tire noise studies  
PB85-855724/CAW NTIS
- Industrial Noise Control: Architectural and Environmental Aspects 1975-May 86 (276)  
PB86-864337/CAW INSPEC
- Noise Control for Aircraft 1975-1985 (314)  
PB86-854601/CAW INSPEC
- Noise Control for Motor Vehicles 1970-1985 (189)  
PB86-852498/CAW NTIS
- Noise-Induced Hearing Loss 1972-May 85 (205)  
PB85-860591/CAW IAA
- Paper Industry: Noise Pollution 1976-Jul 86 (179)  
PB86-870482/CAW PIRA
- \* Urban Noise Pollution Nov 81-Sep 86 (147)  
PB86-874278/CAW NTIS

## Nondestructive tests

- Acoustic Emission Signal Analysis 1975-May 86 (245)  
PB86-867504/CAW INSPEC
- \* Holography: Applications 1979-Oct 82 (155)  
Excludes flow visualization, acoustic holography, and holographic theory and recording techniques  
PB86-863321/CAW NTIS
- Holography: Theory, Recording Techniques, and Applications Nov 82-Apr 86 (189) Excludes acoustic holography and holographic flow visualization  
PB86-863222/CAW NTIS
- Infrared Imaging Technology: Testing 1975-Nov 86 (177)  
PB87-851101/CAW INSPEC
- Laser Speckle: Theory and Applications 1970-Jan 86 (192)  
PB86-856515/CAW Ei
- Non-Ultrasonic Acoustic Nondestructive Testing 1975-Jan 85 (255)  
PB85-854651/CAW INSPEC
- Nondestructive Testing 1970-Jul 86 (268)  
PB86-872280/CAW PTO
- Nondestructive Testing for Microelectronics, Semiconductors, and Superconductors 1972-May 86 (137)  
PB86-864717/CAW IAA
- Nondestructive Testing for Microelectronics, Semiconductors, and Superconductors 1970-Jan 86 (218)  
PB86-857760/CAW NTIS
- Nondestructive Testing of Ceramics 1970-Oct 86 (87)  
PB86-876349/CAW Ei
- Nondestructive Testing of Ceramics 1972-Oct 86 (125)  
PB86-876075/CAW IAA
- Nondestructive Testing of Ceramics 1979-Oct 86 (85)  
PB86-876331/CAW METADEX
- Nondestructive Testing of Ceramics 1970-Sep 86 (176)  
PB86-875242/CAW NTIS
- Nondestructive Testing of Composite Materials 1972-Aug 86 (230)  
PB86-872710/CAW IAA
- Nondestructive Testing of Composite Materials 1970-Feb 86 (238)  
PB86-858289/CAW NTIS
- Nondestructive Testing of Joints 1972-May 86 (174)  
PB86-868288/CAW IAA

Nondestructive Testing of Metals: Magnetic Methods 1973-Aug 85 (288)  
PB85-866986/CAW ISMEC

\* Nondestructive Testing of Pipes and Tubes Jun 84-Oct 85 (203)  
PB85-871713/CAW EDB

Nondestructive Testing of Plastics 1970-May 85 (279)  
PB85-860781/CAW NTIS

● \* Nondestructive Testing of Surfaces, Coatings, and Paints 1983-1985 (349)  
PB86-854460/CAW EDB

● Nondestructive Testing of Surfaces, Coatings, and Paints 1970-May 86 (160)  
PB86-868478/CAW Ei

● \* Nondestructive Testing of Surfaces, Coatings, and Paints 1983-Aug 86 (139)  
PB86-873999/CAW IAA

● Nondestructive Testing of Surfaces, Coatings, and Paints Dec 83-Nov 86 (86)  
PB87-851143/CAW NTIS

\* Nondestructive Testing: Acoustic Emission Techniques and Equipment May 82-Jan 85 (172) Excludes nuclear applications  
PB85-854222/CAW METADEX

Nondestructive Testing: Acoustic Holography 1975-Sep 85 (295)  
PB85-868131/CAW INSPEC

● Nondestructive Testing: Infrared Techniques 1970-Aug 86 (196)  
PB86-873114/CAW Ei

● Nondestructive Testing: Infrared Techniques 1975-May 86 (165)  
PB86-867645/CAW INSPEC

Nondestructive Testing: Neutron Radiography and Neutron Activation 1975-May 85 (278)  
PB85-859973/CAW INSPEC

● \* Nondestructive Testing: Rubbers and Plastics Nov 83-Oct 85 (128)  
PB85-870061/CAW RAPRA

● Nondestructive Testing: X-ray Radiography Techniques 1975-Feb 86 (329)  
PB86-859634/CAW INSPEC

● Nondestructive Testing: X-Ray Radiography Techniques 1973-Nov 86 (279)  
PB87-851796/CAW ISMEC

Nondestructive Ultrasonic Stress Analysis 1966-Oct 85 (187)  
PB85-869337/CAW METADEX

\* Nondestructive Ultrasonic Testing and Inspection Jul 84-Oct 85 (101)  
PB85-869758/CAW EDB

● Optical Inspection 1970-Aug 86 (67)  
PB86-874062/CAW PTO

● Pipe and Pressure Vessel Testing 1970-Apr 86 (82)  
PB86-865383/CAW PTO

\* Plastics and Elastomers: Nondestructive Testing Jul 83-Nov 85 (177)  
PB86-850211/CAW RAPRA

● Surface Inspection and Dimensional Measurement: Laser Applications 1975-1986 (346)  
PB87-852497/CAW METADEX

● Ultrasonic Nondestructive Testing for Castings and Forgings 1966-Jun 86 (307)  
PB86-870193/CAW METADEX

\* Ultrasonic Nondestructive Testing for Pipes and Tubes Sep 82-Mar 85 (71)  
PB85-856078/CAW METADEX

## Noninvasive tests

- Ultrasonic Scanning and Imaging: Medical Applications 1970-1985 (166)  
PB86-854296/CAW PTO

## Nonlinear differential equations

- Integration of Nonlinear Differential Equations May 82-Feb 86 (111)  
PB86-859873/CAW NTIS



- Intergration of Nonlinear Differential Equations 1970-Apr 82 (313)  
PB86-859865/CAW NTIS

### Nuclear auxiliary power units

- Space Nuclear Reactor Electric Power 1976-Jul 86 (127)  
PB86-872306/CAW EDB
- Space Nuclear Reactor Electric Power 1972-Jul 86 (108)  
PB86-872314/CAW IAA

### Nuclear fuels

- \*Hazardous Materials Transportation: Radioactive Materials and Wastes May 85-Apr 86 (100)  
PB86-862265/CAW NTIS
- Isotope Separation by Centrifugation 1976-Sep 85 (170)  
PB85-868800/CAW EDB
- \*Nuclear Fuel Reprocessing Nov 83-Nov 85 (363)  
PB86-852308/CAW EDB

### Nuclear magnetic resonance

- Nuclear Magnetic Resonance Imaging 1970-May 86 (56)  
PB86-867900/CAW PTO
- Nuclear Magnetic Resonance: Applications in Medical Diagnosis 1977-Jun 86 (339)  
PB86-870219/CAW INSPEC

### Nuclear materials management

- \*Accident Risks in Nuclear Facilities 1984-Jan 86 (181)  
PB86-855384/CAW NTIS

### Nuclear medicine

Computers in Patient Care and Non-Tomographic Medical Diagnosis 1976-Nov 84 (124)  
PB85-851756/CAW EDB

### Nuclear power plants

- High Temperature and Fluid Wall Reactors 1970-Jan 86 (94)  
PB86-855566/CAW PTO
- Hydrazine: Corrosion Control 1976-Nov 85 (100)  
PB86-851417/CAW EDB
- Nuclear Control Rooms: Human Factors Engineering 1980-Aug 86 (168)  
PB86-874013/CAW EDB
- Robot Utilization in Nuclear Power Facilities 1976-Apr 86 (60)  
PB86-863867/CAW EDB
- Seismic Studies of Pipelines 1970-Aug 85 (117)  
PB85-866291/CAW NTIS

### Nuclear reactor accidents

- \*Accident Risks in Nuclear Facilities 1984-Jan 86 (181)  
PB86-855384/CAW NTIS

### Numerical control

- \*Automated Machining Jul 85-Jun 86 (282)  
Excludes automatic assembly of already manufactured parts and components  
PB86-870417/CAW EI
- Automated Machining 1970-Nov 86 (346)  
PB87-851697/CAW NTIS
- Computer Programming Languages for Industrial Numerical Control 1975-Apr 86 (343)  
PB86-864113/CAW INSPEC
- \*Computer Programming Languages for Numerical Control 1985-Jan 86 (111)  
PB86-857372/CAW EI
- \*Machine Automation and Numerical Control Aug 85-Jul 86 (115)  
PB86-871076/CAW NTIS
- Machine Tool Technology 1975-Feb 86 (180)  
PB86-859774/CAW INSPEC
- Machine Tool Technology 1974-Mar 86 (277)  
PB86-862414/CAW ISMEC

### Numerical integration

- Computer Computation: Mathematics Excluding Statistics and Probability Theory Feb 83-Jul 85 (339)  
PB85-865400/CAW NTIS
- Integration of Nonlinear Differential Equations May 82-Feb 86 (111)  
PB86-859873/CAW NTIS
- Intergration of Nonlinear Differential Equations 1970-Apr 82 (313)  
PB86-859865/CAW NTIS

### Nurses

- \*Nurses: Manpower Supply, Needs, and Demand Jul 80-Feb 86 (345)  
PB86-860384/CAW NTIS

### Nursing

- Health Care Costs: Long Term Care Feb 76-Jan 86 (218)  
PB86-856309/CAW NTIS

### Nutrition

- Aging and Nutrition 1978-Nov 86 (111)  
PB87-851770/CAW LSC
- Dietary Fiber 1978-Oct 86 (88)  
PB86-877453/CAW LSC
- Effect of Diet on Egg Shells 1972-Feb 86 (173)  
PB86-859253/CAW FSTA
- Infant Foods: Nutritional Value 1972-Apr 86 (137)  
PB86-865706/CAW FSTA
- Nutritional Labelling 1972-Aug 86 (159)  
PB86-874120/CAW FSTA
- Precooked Foods 1972-Apr 86 (217)  
PB86-865086/CAW FSTA
- Prepared Foods (Excluding Dried Milk, Cereals, and Infant Foods): Nutrients 1972-Aug 86 (209)  
PB86-874518/CAW FSTA
- Ready-to-Eat Foods 1972-Apr 86 (170)  
PB86-864360/CAW FSTA

### Nylon

- Nylon Fibers and Fabrics 1970-Jun 85 (157)  
PB85-863298/CAW NTIS
- \*Reaction Injection Molding: Polyamide and Polyurethane Resins 1973-Mar 86 (277)  
PB86-863420/CAW RAPRA
- Reaction Injection Molding: Polyamide and Polyurethane Resins (Applications) 1973-Mar 86 (260)  
PB86-862224/CAW RAPRA
- Thermoplastic Elastomers: Acrylic and Nylon Based 1977-Sep 85 (168)  
PB85-868008/CAW RAPRA

### Occupational safety and health

- \*Air Sampling Devices Feb 85-Jan 86 (57)  
PB86-855434/CAW EDB
- Asbestos: Industrial Applications and Precautions 1974-1985 (146)  
PB86-857174/CAW ISMEC
- Cadmium Exposure: Toxicity in Humans 1978-Apr 86 (280)  
PB86-866837/CAW LSC
- Carbon Monoxide Toxicity 1978-1985 (282)  
PB86-853132/CAW LSC
- Computer Use and Office Automation: Computer Phobia 1983-Jul 86 (128)  
PB86-872215/CAW COM
- Diagnosis of Occupational Pulmonary Disorders 1976-Nov 84 (183)  
PB85-850873/CAW EDB
- Eye Safety: Irritants, Exposure Effects, and Protective Devices 1976-Oct 85 (250)  
PB85-869345/CAW EDB
- Eye Safety: Irritants, Exposure Effects, and Protective Devices 1975-Jun 85 (127)  
PB85-862779/CAW INSPEC

- Eye Safety: Irritants, Exposure Effects, and Protective Devices 1970-Mar 86 (359)  
PB86-863057/CAW NTIS
- \*Food Bottling Lines and Plants Oct 83-May 86 (137)  
PB86-867256/CAW FSTA
- Gas Detection in Underground Coal Mines 1977-Apr 85 (115)  
PB85-857951/CAW EDB
- \*Indoor Air Pollution Nov 84-Oct 86 (386)  
PB86-877362/CAW EDB
- Indoor Air Pollution: Sources and Control 1970-Nov 86 (118) Indoor air pollution from radon and asbestos are included in other bibliographies  
PB87-851754/CAW NTIS
- Industrial Hygiene 1974-May 85 (273)  
PB85-860492/CAW MC
- Lead Exposure: Public and Occupational Health Hazards 1972-Apr 86 (160)  
PB86-865698/CAW POLLUTION
- Lindane Toxicity 1978-Sep 85 (130)  
PB85-867240/CAW LSC
- \*Mine Safety: Occupational Health--General Studies Sep 80-Feb 85 (247)  
PB85-855575/CAW NTIS
- Occupational Health Services and Employee Health Programs 1970-Feb 86 (167)  
PB86-857810/CAW NTIS
- Safety in the Chemical Industry 1970-Feb 86 (262)  
PB86-860004/CAW Ei
- Styrenes: Industrial Health Hazards 1977-Nov 85 (179)  
PB85-871879/CAW RAPRA
- Toxic and Biomedical Effects of Textiles and Textile Production 1975-Mar 86 (194)  
PB86-862570/CAW WTA
- Toxicity of Fibers and Fiber Composites 1970-Jul 86 (327)  
PB86-870664/CAW NTIS
- Toxicity of Manganese 1970-Jul 85 (190)  
PB85-864593/CAW NTIS
- Welding: Personnel Safety 1973-May 85 (123)  
PB85-860104/CAW ISMEC
- Welding: Personnel Safety 1966-Jul 85 (171)  
PB85-865020/CAW METADEX
- Welding: Personnel Safety 1970-Jun 85 (174)  
PB85-862159/CAW NTIS

### Ocean currents

- Ocean Current Eddies 1974-Mar 85 (347)  
PB85-857555/CAW OCEANIC
- Ocean Current Sensors 1971-Nov 85 (185)  
Excludes remote sensing techniques  
PB86-851276/CAW NTIS
- Ocean Currents: Measurement 1974-Mar 85 (255)  
PB85-857563/CAW OCEANIC
- Remote Sensing of the Oceans: Dynamics 1970-Sep 85 (309)  
PB85-867620/CAW NTIS

### Ocean tides

- Tides and Tidal Phenomena: Theory and Modeling 1973-Aug 86 (351)  
PB86-873932/CAW BHRA FLUID

### Ocean waste disposal

- Ocean Waste Disposal: Outfall Sewers 1977-Apr 85 (168)  
PB85-857662/CAW SWRA

### Ocean waves

- Beach Erosion and Protection 1974-Jun 85 (271)  
PB85-863769/CAW OCEANIC
- Remote Sensing of the Oceans: Dynamics 1970-Sep 85 (309)  
PB85-867620/CAW NTIS



## Oceanographic equipment

- Air-Sea Interaction Instrumentation Jun 70-Jun 85 (287)  
PB85-863504/CAW NTIS
- Ocean Current Sensors 1971-Nov 85 (185)  
Excludes remote sensing techniques  
PB86-851276/CAW NTIS

## Oceans

- Legal Aspects of Maritime Boundaries: Offshore Mineral and Fishing Rights 1974-Nov 84 (323)  
PB85-851434/CAW OCEANIC
- Underwater Light 1975-Aug 86 (347)  
PB86-872595/CAW INSPEC

## Odometers

- Odometers 1970-May 86 (116)  
PB86-869419/CAW PTO

## Odors

- Controlling Odors Emitted from Packaging Materials 1976-Apr 86 (75) Barrier characteristics of packages are considered in another bibliography  
PB86-865284/CAW PIRA
- \*Food Aroma: Aroma and Flavor Components Mar 83-Jan 86 (110)  
PB86-856507/CAW FSTA
- Food Packaging: Odor, Flavor, and Contamination 1976-Feb 86 (205)  
PB86-860350/CAW PIRA
- \*Odor Pollution 1977-Apr 86 (145)  
PB86-862000/CAW NTIS

## Offal

- \*Animal Offal in the Manufacture of Meat Products Aug 83-Aug 85 (86)  
PB85-866002/CAW FSTA

## Offshore drilling

- Deep Water Drilling Technology 1976-Aug 86 (215)  
PB86-873528/CAW EDB
- \*Offshore Drilling: Environmental Effects 1984-Jun 86 (105)  
PB86-869682/CAW EDB

## Offshore pipelines

- Offshore Pipelines 1970-Apr 86 (146)  
PB86-866316/CAW NTIS

## Offshore structures

- Artificial Islands 1974-May 85 (92)  
PB85-860633/CAW OCEANIC
- \*Disaster Prevention for Offshore Structures Sep 84-Aug 85 (41)  
PB85-867067/CAW Ei
- \*Foundation Piles for Marine Platforms Oct 82-Apr 85 (83)  
PB85-858272/CAW Ei
- \*Offshore Structures Oct 84-1985 (86)  
PB86-854239/CAW NTIS
- Plastics and Elastomers: Offshore Applications 1973-Nov 85 (320)  
PB85-872406/CAW RAPRA

## Oil burners

- Oil Burners. Crude Oil, Atomization, and Combustion Efficiency 1970-Apr 85 (294)  
PB85-860427/CAW Ei
- Oil Burners: Crude Oil, Atomization, and Combustion Efficiency 1970-Mar 85 (176)  
PB85-857068/CAW NTIS

## Oil pollution

- Chromatography for Water Pollution Analysis 1977-Aug 85 (195)  
PB86-873619/CAW EDB

- \*Offshore Drilling: Environmental Effects 1984-Jun 86 (105)  
PB86-869682/CAW EDB

Oil Pollution Sampling, Detection, and Analysis 1976-Jul 85 (176) Excludes citations specifically on pollution effects on flora and fauna  
PB85-863595/CAW NTIS

- Oil Spill Removal Techniques and Equipment 1973-Jul 86 (130)  
PB86-871589/CAW BHRA FLUID

- \*Oil Spill Removal Techniques and Equipment 1976-Feb 86 (190) Excludes ballast and bilge water studies  
PB86-857430/CAW NTIS

Oil Spill Removal Techniques and Equipment 1974-Oct 85 (327)  
PB85-871416/CAW OCEANIC

- Oil Spill Removal: Dispersants, Absorbents, Booms, and Skimmers 1978-1985 (153)  
PB86-856226/CAW LSC

Oil Spills and Oil Pollution in the Arctic and Antarctic 1970-1984 (99)  
PB85-852903/CAW POLLUTION

- Oil Spills: Environmental Effects 1977-May 86 (311)  
PB86-867447/CAW SWRA

Oil Spills: Legal Aspects 1977-May 85 (313)  
PB85-861664/CAW SWRA

Oil Water Separators 1973-Aug 84 (213)  
Primarily covers ballast water and oil spill separation  
PB85-800019/CAW API

- Oil Water Separators 1970-Feb 86 (181)  
Primarily covers ballast water and oil spill separation  
PB86-858065/CAW Ei

## Oil recovery

Corrosion by Sour Gas and Hydrogen Sulfide in Oil and Gas Wells 1976-Sep 85 (198)  
PB85-867992/CAW EDB

Corrosion Inhibitors: Utilization in Oil and Gas Production 1976-Nov 85 (172)  
PB86-850765/CAW EDB

- \*Enhanced Oil Recovery by Gas and Steam Injection Sep 85-Aug 86 (109)  
PB86-874039/CAW EDB

- Enhanced Oil Recovery by Hydraulic Fracturing 1976-1985 (366)  
PB86-854643/CAW EDB

Enhanced Oil Recovery by Polymer Flooding 1970-Aug 85 (355)  
PB85-866671/CAW NTIS

- \*Enhanced Oil Recovery by Waterflooding Sep 82-Feb 86 (241)  
PB86-860764/CAW EDB

Fracturing Fluids 1970-Jun 85 (85)  
PB85-863173/CAW PTO

- Geochemical Analysis in Petroleum Exploration 1976-Mar 86 (64)  
PB86-860491/CAW EDB

- Heavy Crude Petroleum Deposits 1976-Jan 86 (216)  
PB86-856556/CAW EDB

- Oil Field Threaded Connections 1976-Feb 86 (142)  
PB86-860301/CAW EDB

- Oil Field Threaded Connections 1970-Mar 86 (176)  
PB86-860863/CAW PTO

- Oil Well Completion: Technology and Evaluation 1976-Nov 85 (183) Excludes packing and cementing methods  
PB86-852282/CAW EDB

OPEC Produced Oil: Political Aspects 1976-Nov 85 (238)  
PB85-871929/CAW EDB

- \*Petroleum Recovery: Reservoir Engineering and Recovery Methods Mar 83-Feb 86 (361)  
PB86-858313/CAW Ei

Pressure Regulating Valves: Petroleum and Natural Gas Industries 1976-May 85 (161)  
PB85-861748/CAW EDB

## Oil sands

- \*Tar Sands: Crude Oil Extraction Processes Sep 82-Aug 85 (263)  
PB85-866333/CAW EDB

## Oil shale

- Oil Shale Waste Disposal: Environmental Impacts 1976-1985 (286)  
PB86-856820/CAW EDB

## Oil water separators

Oil Water Separators 1973-Aug 84 (213)  
Primarily covers ballast water and oil spill separation  
PB85-800019/CAW API

- Oil Water Separators 1970-Feb 86 (181)  
Primarily covers ballast water and oil spill separation  
PB86-858065/CAW Ei

## Oils

Essential Oils Used in the Food and Beverage Industry 1972-Jul 85 (229)  
PB85-864379/CAW FSTA

- Essential Oils: Chemical Analysis by the Food and Beverage Industry 1972-1985 (243)  
PB86-854536/CAW FSTA

High Temperature Lubricants 1974-Aug 84 (348)  
PB85-800035/CAW API

- High Temperature Lubricants 1970-Jun 86 (89)  
PB86-869716/CAW PTO

- \*High Temperature Lubricants and Oils 1977-Sep 86 (174)  
PB86-875820/CAW NTIS

- Insulating Oils for Transformers and Electrical Cables 1983-Nov 85 (98)  
PB86-851698/CAW Ei

- Insulating Oils for Transformers and Electrical Gables 1970-1982 (353)  
PB86-851680/CAW Ei

Transformer Insulating Oils 1975-Sep 85 (283)  
PB85-868370/CAW INSPEC

- \*Vegetable Oils Jun 83-Mar 86 (291)  
PB86-859667/CAW FSTA

## Olefin resins

- Thermoplastic Elastomers: Olefin Resins 1977-May 86 (125)  
PB86-869443/CAW RAPRA

## On-line systems

- \*On-Line Information Retrieval Systems 1982-Feb 86 (304)  
PB86-857463/CAW NTIS
- On-Line Information Searching Systems and Methods 1975-Feb 86 (250)  
PB86-858222/CAW INSPEC
- On-Line Search Strategies: Beyond the Basics 1983-Jul 86 (63)  
PB86-873270/CAW COM

## OPEC

OPEC Produced Oil: Political Aspects 1976-Nov 85 (238)  
PB85-871929/CAW EDB

## Operating system (Computers)

- Xenix Microcomputer Operating System 1975-Oct 86 (113)  
PB86-876679/CAW INSPEC

## Operating systems(Computers)

- Control Program for Microprocessors (CP/M) Operating Systems Dec 82-1984 (356)  
PB86-857851/CAW INSPEC



- Control Program for Microprocessors (CP/M) operating Systems 1985-Jan 86 (165)  
PB86-857869/CAW INSPEC
- CP/M-86 Microcomputer Operating System 1982-Jan 86 (142)  
PB86-861895/CAW INSPEC
- IBM CICS 1975-Oct 85 (65)  
PB85-869931/CAW INSPEC
- IBM VM Operating Systems 1975-Feb 86 (114)  
PB86-857505/CAW INSPEC
- Multics - Honeywell Computer Operating System 1975-Jan 86 (64)  
PB86-863859/CAW INSPEC
- Operating Systems: Multiple Virtual Storage 1977-Sep 86 (183)  
PB86-874351/CAW INSPEC
- Pick Computer Operating System 1975-Mar 86 (66)  
PB86-861531/CAW INSPEC
- Real Time Operating Systems 1975-Oct 85 (121)  
PB85-872067/CAW INSPEC
- \*Unix Operating System Jan 86-Dec 86 (374)  
PB87-852968/CAW INSPEC
- \*UNIX Operating System Jan 85-Dec 85 (281)  
PB87-852950/CAW INSPEC

## Operations research

- \*Operations Research Applied to Maintenance and Repair Nov 84-Oct 86 (180)  
PB86-876505/CAW NTIS
- Operations Research Applied to Military Systems Jun 70-Jul 86 (370)  
PB86-871225/CAW NTIS
- Operations Research Applied to Reliability and Quality Assurance Jun 70-Aug 86 (106)  
PB86-873882/CAW Ei
- Systems Analysis/Operations Research: Transportation Systems 1970-Feb 86 (138)  
PB86-861408/CAW Ei

## Optical character recognition

- Handwriting Recognition by Computer 1975-Sep 86 (88)  
PB86-875002/CAW INSPEC
- \*Optical Character Recognition Feb 81-Jul 86 (262)  
PB86-870946/CAW Ei
- Optical Character Recognition 1970-Aug 86 (143)  
PB86-873841/CAW NTIS
- Optical Scanning Devices and Systems 1970-Aug 86 (294)  
PB86-872736/CAW PTO

## Optical coatings

- Antireflective Optical Coatings 1970-Jul 86 (61)  
PB86-872405/CAW PTO
- \*Optical Coatings Jun 83-Jul 86 (183)  
PB86-870649/CAW EDB
- \*Optical Coatings 1983-Jun 86 (251)  
PB86-869146/CAW Ei
- Optical Coatings Jun 74-Aug 85 (145)  
PB85-864221/CAW IAA
- \*Optical Coatings Nov 83-Oct 86 (77)  
PB86-877164/CAW NTIS
- Optical Coatings: Laser Radiation Damage 1975-Oct 86 (117)  
PB86-870243/CAW INSPEC
- Optical Coatings: Processes, Materials, and Evaluations 1981-Aug 86 (93)  
PB86-874534/CAW
- Solar Optical Materials 1978-Jul 85 (140)  
PB85-864700/CAW INSPEC

## Optical communication

- \*Atmospheric Effects on Laser Beams 1975-Aug 86 (341)  
PB86-873569/CAW NTIS

- Fiber Optic Communication Systems and Equipment 1975-Oct 86 (346)  
PB86-876844/CAW INSPEC
- Fiber Optic Multiplexing 1975-1986 (102)  
PB87-853362/CAW Ei
- Infrared Communications Jun 70-Jan 86 (270)  
PB86-857620/CAW Ei
- \*Integrated Optics May 84-Mar 86 (163)  
PB86-861275/CAW IAA
- \*Light Communication Systems Dec 85-Nov 86 (65)  
PB87-851549/CAW NTIS
- Optical Switches in Communication Systems 1975-Jan 86 (55)  
PB86-855905/CAW INSPEC

## Optical computers

- Optical Computers 1975-Nov 86 (165)  
PB87-850780/CAW INSPEC

## Optical connectors

- \*Connectors for Fiber Optics Sep 83-Nov 86 (333)  
PB87-851168/CAW INSPEC

## Optical couplers

- Optical Couplers 1970-Jul 85 (146)  
PB85-865129/CAW PTO

## Optical disks

- Compact Optical Disc Technology - CD ROM Apr 79-1986 (350)  
PB87-852885/CAW INSPEC
- Erasable Optical Disks 1975-Jan 86 (53)  
PB86-856408/CAW INSPEC
- Erasable Optical Disks: Industry News and Applications Sep 83-Apr 86 (62)  
PB86-865771/CAW COM

## Optical equipment

- Bistable Optical Phenomena, Media, and Devices 1977-1985 (244)  
PB86-854106/CAW SPIN
- Computer Aided Design and Manufacturing: Optical Equipment 1970-Jul 86 (95) Excludes electron beam optics  
PB86-872637/CAW NTIS
- Holographic Theory and Recording Techniques 1970-Oct 82 (291) Excludes flow visualization, acoustic holography, and applications  
PB86-863347/CAW NTIS
- Holography: Theory, Recording Techniques, and Applications Nov 82-Apr 86 (189) Excludes acoustic holography and holographic flow visualization  
PB86-863222/CAW NTIS
- Liquid Crystal Light Valves 1975-May 86 (119)  
PB86-868684/CAW INSPEC
- Optical Beam Splitters 1975-May 86 (278)  
PB86-866498/CAW INSPEC
- Optical Computers 1975-Nov 86 (165)  
PB87-850780/CAW INSPEC
- Optical Inspection 1970-Aug 86 (67)  
PB86-874062/CAW PTO
- Optical Interferometers 1970-Nov 86 (89)  
PB87-850855/CAW PTO
- Optical Polishing Techniques 1975-Jul 86 (262)  
PB86-871720/CAW INSPEC
- Optical Switches in Communication Systems 1975-Jan 86 (55)  
PB86-855905/CAW INSPEC
- Optoelectronics 1972-May 85 (189)  
PB85-861052/CAW SPIN
- Photochromic Polymers 1973-Sep 86 (77)  
PB86-875853/CAW RAPRA
- Plastic Lenses: Fabrication and Applications 1970-Mar 86 (100)  
PB86-859386/CAW PTO

- Plastic Lenses: Fabrication and Applications 1977-1986 (303)  
PB87-853073/CAW RAPRA
- Polycarbonates: Optical Properties and Applications 1973-1986 (276)  
PB87-852455/CAW RAPRA

## Optical fibers

- Connectors for Fiber Optics 1970-Aug 86 (244)  
PB86-872728/CAW Ei
- \*Connectors for Fiber Optics Sep 83-Nov 86 (333)  
PB87-851168/CAW INSPEC
- Fiber Optic Sensors 1977-Jul 86 (337)  
PB86-870607/CAW Ei
- \*Fiber Optic Sensors Jun 85-May 86 (345)  
PB86-865664/CAW INSPEC
- Fiber Optic Sensors 1970-Apr 86 (94)  
PB86-862521/CAW PTO
- \*Fiber Optics Feb 82-Aug 86 (325) Excludes citations specifically on optical communications  
PB86-872843/CAW NTIS
- Monomode Optical Fibers 1975-Oct 85 (235)  
PB85-870368/CAW INSPEC
- Polarization-Maintaining Optical Fibers 1975-1986 (66)  
PB87-852281/CAW INSPEC

## Optical modulators

- Acoustooptical Laser Modulators and Deflectors 1970-May 86 (295)  
PB86-866308/CAW Ei
- Acoustooptical Laser Modulators and Deflectors 1970-Nov 86 (253)  
PB87-851010/CAW NTIS
- Optical Modulation 1970-Aug 86 (214)  
PB86-873759/CAW PTO
- Optical Modulators 1975-Jun 86 (81)  
PB86-869864/CAW INSPEC

## Optical radar

- Laser Infrared Radar 1971-Feb 86 (290)  
PB86-858354/CAW SPIN
- \*Light Detection and Ranging (LIDAR) Aug 84-Jul 86 (114) Concerns mainly atmospheric applications  
PB86-871118/CAW NTIS
- LIDAR Remote Sensing and Measurement 1976-Apr 86 (303)  
PB86-866464/CAW INSPEC

## Optical range finders

- Optical Range Finders 1970-Mar 86 (212)  
PB86-859485/CAW Ei
- Range Finders 1970-1986 (233)  
PB87-852091/CAW PTO

## Optical resonators

- Laser Cavity Resonators 1975-Aug 86 (314)  
PB86-874831/CAW SPIN

## Optical storage

- Compact Optical Disc Technology - CD ROM Apr 79-1986 (350)  
PB87-852885/CAW INSPEC
- Erasable Optical Disks 1975-Jan 86 (53)  
PB86-856408/CAW INSPEC
- Erasable Optical Disks: Industry News and Applications Sep 83-Apr 86 (62)  
PB86-865771/CAW COM
- Holography: Techniques, Materials, and Applications 1970-Jun 86 (221)  
PB86-869690/CAW PTO
- Optical Disc Systems for Information Storage and Retrieval 1975-Nov 86 (145)  
PB87-850517/CAW INSPEC
- Optical Memories 1970-1986 (224)  
PB87-852364/CAW NTIS



- Optical Memories 1970-Mar 86 (93)  
PB86-859956/CAW PTO
- Optical Memory Data Storage Jun 70-May 86 (219) Laser applications appear in a separate bibliography  
PB86-864527/CAW Ei
- Optical Memory Data Storage 1975-Feb 86 (162)  
PB86-858248/CAW INSPEC
- Optical Memory Data Storage: Laser Applications 1973-Sep 86 (216)  
PB86-875705/CAW Ei
- PLZT Ceramics: Applications in Optics and Image Storage 1975-Apr 86 (185)  
PB86-865862/CAW INSPEC
- Write-Once Optical Data Storage 1983-Apr 86 (66)  
PB86-865045/CAW COM

## Optical switches

- Optical Switches 1970-Feb 86 (85)  
PB86-857521/CAW PTO

## Optics

- \*Adaptive Optics Sep 84-Oct 85 (54)  
PB85-870848/CAW IAA
- \*Adaptive Optics May 83-Jun 85 (143)  
PB85-863421/CAW INSPEC
- Adaptive Optics 1970-Nov 86 (179)  
PB87-850178/CAW NTIS
- \*Integrated Optics May 84-Mar 86 (163)  
PB86-861275/CAW IAA
- Integrated Optics 1970-Jun 86 (277)  
PB86-870235/CAW NTIS
- Integrated Optics 1970-Jul 85 (125)  
PB85-862399/CAW PTO

## Optoacoustics

- Acoustooptical Laser Modulators and Deflectors 1970-May 86 (295)  
PB86-866308/CAW Ei
- Acoustooptical Laser Modulators and Deflectors 1970-Nov 86 (253)  
PB87-851010/CAW NTIS

## Optoelectronics

- Bistable Optical Phenomena, Media, and Devices 1977-1985 (244)  
PB86-854106/CAW SPIN
- Integrated Optoelectronics: Gallium Arsenide Materials 1975-Sep 86 (128)  
PB86-873668/CAW INSPEC
- Optical Switches in Communication Systems 1975-Jan 86 (55)  
PB86-855905/CAW INSPEC
- Optoelectronics 1972-May 85 (189)  
PB85-861052/CAW SPIN

## Ore treatment

- \*Ore Treatment Techniques Mar 83-Jan 85 (204)  
Includes pollution control  
PB85-853877/CAW Ei

## Ores

- \*Comminution of Metallic Ores and Metal Powders Jun 85-May 86 (75)  
PB86-866407/CAW METADEX

## Organizational planning

- Corporate Bureaucracy 1974-May 86 (121)  
PB86-867751/CAW MC
- Management by Objectives: Advantages and Disadvantages 1976-May 86 (200)  
PB86-865672/CAW PIRA
- Organization Planning and Design 1970-May 86 (291)  
PB86-866167/CAW Ei
- Organizational Behavior Nov 73-Nov 86 (375)  
PB87-851762/CAW NTIS

- Organizational Communications Jul 75-May 86 (368)  
PB86-866183/CAW NTIS
- Organizational Effectiveness and Performance 1973-Nov 86 (140)  
PB87-850350/CAW NTIS
- Performance Appraisal: Individual and Organizational 1976-Feb 86 (153)  
PB86-858875/CAW PIRA
- \*Project Management Nov 83-1985 (175)  
PB86-855178/CAW MC
- Quality Circles 1979-Jan 86 (188)  
PB86-856572/CAW MC
- Quality Circles 1977-Feb 86 (117)  
PB86-857489/CAW PIRA
- Team Management 1974-Jan 86 (248)  
PB86-856481/CAW MC
- Team Management 1975-Nov 85 (171)  
PB86-850880/CAW PIRA

## Orthopedics

- Orthopedic Devices 1970-Jul 85 (143)  
PB85-864254/CAW PTO

## Oscillators

- \*Microwave Oscillators Apr 80-Aug 86 (116)  
PB86-873684/CAW NTIS
- Phase Noise in Signal Generators, Oscillators, and Synthesizers 1975-Mar 86 (241)  
PB86-861937/CAW INSPEC
- \*Quartz Oscillators and Resonators Jul 83-Nov 85 (81)  
PB85-871812/CAW INSPEC
- Voltage Controlled Oscillators Jun 70-1986 (224)  
PB87-852190/CAW Ei

## Osmosis

- Fibers Used in Osmosis 1978-Apr 86 (67)  
PB86-866928/CAW WTA
- \*Osmotic Desalting Membranes Feb 85-Jan 86 (70)  
PB86-857422/CAW Ei
- \*Osmotic Desalting Membranes 1973-Aug 86 (364)  
PB86-873692/CAW NTIS
- \*Reverse Osmosis in Food Processing Jan 86-Dec 86 (57)  
PB87-852240/CAW FSTA
- \*Waste Treatment by Reverse Osmosis and Membrane Processing 1978-Sep 86 (268)  
Excludes desalination of natural waters  
PB86-875499/CAW NTIS

## Outpatient services

- Health Care Costs: Ambulatory Health Care Sep 75-Sep 86 (303)  
PB86-875937/CAW NTIS

## Oxygen

- Catalytic Recombination of Hydrogen and Oxygen Jun 76-Apr 86 (121)  
PB86-867660/CAW EDB
- Oxygen Sensors 1970-Aug 86 (157)  
PB86-873197/CAW NTIS
- Oxygen Sensors: Applications for Internal Combustion Engines 1970-Nov 85 (148)  
PB86-852365/CAW PTO
- Pulp Bleaching with Oxygen and Ozone 1976-Jul 86 (190)  
PB86-871928/CAW PIRA
- Silicon on Insulator Technology: Oxygen Implantation 1975-Jul 86 (55)  
PB86-872355/CAW INSPEC

## Ozone

- Pulp Bleaching with Oxygen and Ozone 1976-Jul 86 (190)  
PB86-871928/CAW PIRA

- Toxicology of Ozone 1970-Nov 86 (338) Covers the effects on plants, animals, and humans  
PB87-851176/CAW NTIS

## Ozonization

- Ozonization Used in Water and Sewage Treatment 1970-Nov 86 (275) Includes treatment for drinking water  
PB87-850814/CAW NTIS
- Plastics and Elastomers: Ozone Degradation 1973-1986 (187)  
PB87-852604/CAW RAPRA
- Wastewater Treatment: Ozonation Processes and Equipment 1977-Aug 86 (268)  
PB86-872942/CAW SWRA

## Pacemakers

- Cardiac Pacemakers 1976-Apr 86 (220)  
PB86-864022/CAW EDB
- Cardiac Pacemakers 1970-Jul 85 (183)  
PB85-865087/CAW PTO

## Packaging

- Aerosol Packaging Industry 1982-Feb 86 (217)  
PB86-860624/CAW PSTA
- Aluminum Foils and Strips for Packaging 1982-Feb 86 (68)  
PB86-860657/CAW PSTA
- Barrier Properties in Food Packaging 1973-Apr 86 (155)  
PB86-868213/CAW RAPRA
- Beverage Bottling and Packaging Machinery 1976-Apr 86 (162)  
PB86-864865/CAW PIRA
- Blow Molded Products and Machines 1982-Feb 86 (88)  
PB86-860392/CAW PSTA
- Bottling 1982-Mar 86 (54)  
PB86-863230/CAW PSTA
- Carbonated Beverages: Packaging 1976-Oct 85 (274)  
PB85-872778/CAW PIRA
- Corrosion of Food and Beverage Cans 1973-Jan 86 (120)  
PB86-855459/CAW FSTA
- Cosmetics Packaging Industry 1982-Feb 86 (150)  
PB86-861721/CAW PSTA
- Cushioning Materials for Packaging 1982-Oct 85 (111)  
PB85-872513/CAW PSTA
- Display Packaging 1982-Nov 85 (52)  
PB86-851995/CAW PSTA
- Flexible Packages 1982-Nov 85 (113)  
PB86-850195/CAW PSTA
- \*Food Packaging and Storage Jun 77-Feb 86 (257)  
PB86-858461/CAW NTIS
- \*Food Packaging Machines Aug 83-Jul 86 (186)  
PB86-871639/CAW FSTA
- Food Packaging: Odor, Flavor, and Contamination 1976-Feb 86 (205)  
PB86-860350/CAW PIRA
- Form-Fill-Seal Packaging 1982-Nov 85 (143)  
PB86-851136/CAW PSTA
- Gas Packaging 1982-1985 (112)  
PB86-853447/CAW PSTA
- High Density Packaging: Electronics 1970-1986 (290)  
PB87-852521/CAW Ei
- High Density Packaging: Electronics 1972-Nov 86 (310)  
PB87-851069/CAW IAA
- High Density Packaging: Electronics 1970-Nov 86 (208)  
PB87-851523/CAW NTIS
- Hot Melt Adhesives in Packaging 1982-Nov 85 (67)  
PB85-872539/CAW PSTA



- Insulated Packaging 1982-1986 (47)  
PB87-852976/CAW PSTA
- Multiple Unit Packaging 1982-Feb 86 (277)  
PB86-861580/CAW PSTA
- Nonreturnable Packaging: The Environmental Debate 1982-Feb 86 (84)  
PB86-861853/CAW PSTA
- Ovenable Packages 1982-Mar 86 (70)  
PB86-861879/CAW PSTA
- Package Production Machines 1982-Feb 86 (290)  
PB86-860418/CAW PSTA
- Packaging and Transporting Dangerous Products 1982-Mar 86 (116)  
PB86-861887/CAW PSTA
- Packaging of Fruit Juices, Drinks, and Concentrates 1982-Apr 86 (115)  
PB86-865425/CAW PSTA  
Packaging Automation 1982-Nov 85 (159)  
PB85-872604/CAW PSTA
- Packaging Frozen Food 1982-Nov 85 (126)  
PB86-852316/CAW PSTA
- Packaging Industry: Palletizing 1982-Jul 86 (145)  
PB86-872645/CAW PSTA
- Peelable Packaging 1982-Mar 86 (87) Tamper proof closures are covered in depth in another bibliography  
PB86-861838/CAW PSTA
- Permeability of Packages 1982-Nov 85 (113)  
PB86-852100/CAW PSTA
- \*Pharmaceutical Packaging: Manufacturing and Marketing Information Nov 83-Feb 86 (176)  
PB86-860343/CAW PIRA
- Pharmaceutical Packaging: Plastics and Elastomers 1973-Nov 86 (363)  
PB87-850947/CAW RAPRA
- Portion Packaging 1982-Mar 86 (60) Refers to food packaging  
PB86-859121/CAW PSTA
- Prepackaging 1982-Mar 86 (130) Emphasis is on the food industry  
PB86-859170/CAW PSTA
- Safety in the Packaging Industry 1982-Jun 86 (81) Excludes tamper proof containers  
PB86-870540/CAW PSTA
- Sealing/Closing Machines 1982-Feb 86 (137) Tamperproof containers are excluded  
PB86-860285/CAW PSTA
- Semiconductor Packaging 1975-Sep 86 (220)  
PB86-875432/CAW INSPEC
- Semiconductor Packaging 1970-Jan 86 (149)  
PB86-856374/CAW PTO
- Shrink and Stretch Film Packaging 1982-Feb 86 (295)  
PB86-860228/CAW PSTA
- Surface Mounting Technology for Electronics Packaging Jan 86-Dec 86 (304)  
PB87-852828/CAW Ei
- \*Surface Mounting Technology for Electronics Packaging Feb 85-Dec 85 (174)  
PB87-852810/CAW INSPEC  
Tamper Resistant Packaging 1970-Oct 85 (56)  
PB85-869865/CAW PTO  
Tamper-Proof Packaging 1982-Nov 85 (102)  
PB85-872554/CAW PSTA
- Thermoplastic Packaging 1982-Mar 86 (170)  
PB86-863206/CAW PSTA
- Transparent Packaging 1972-Mar 86 (56) Materials mentioned only briefly, are covered in other bibliographies  
PB86-861861/CAW PSTA
- \*Universal Product Codes Jun 85-May 86 (109)  
PB86-865003/CAW INSPEC
- \*Universal Product Codes Nov 84-Oct 86 (276)  
PB86-876638/CAW PIRA
- Universal Product Codes 1982-Feb 86 (72)  
PB86-860574/CAW PSTA
- Vacuum Packaging 1982-Feb 86 (142)  
PB86-860368/CAW PSTA

## Packaging materials

- Barrier Properties in Food Packaging 1973-Apr 86 (155)  
PB86-868213/CAW RAPRA
- Barrier Properties of Packaging Materials 1982-Apr 86 (114)  
PB86-864147/CAW PSTA
- Blown Films 1970-May 86 (57)  
PB86-868502/CAW PTO
- Controlling Odors Emitted from Packaging Materials 1976-Apr 86 (75) Barrier characteristics of packages are considered in another bibliography  
PB86-865284/CAW PIRA  
Cushioning Materials for Packaging 1982-Oct 85 (111)  
PB85-872513/CAW PSTA
- Display Packaging 1982-Nov 85 (52)  
PB86-851995/CAW PSTA
- Fiberboard Packaging 1982-Aug 86 (129)  
PB86-874609/CAW PSTA
- Fish Packaging: Materials and Processes 1976-Nov 85 (255)  
PB86-852043/CAW PIRA  
Flexible Packages 1982-Nov 85 (113)  
PB86-850195/CAW PSTA
- Foam Packaging Materials 1982-Mar 86 (156)  
PB86-863529/CAW PSTA  
Hot Melt Adhesives in Packaging 1982-Nov 85 (67)  
PB85-872539/CAW PSTA
- Insulated Packaging 1982-1986 (47)  
PB87-852976/CAW PSTA
- Oriented Films in Packaging 1982-Jun 86 (55) Emphasizes food packaging applications  
PB86-871159/CAW PSTA
- Oriented Polypropylene Films in Packaging 1973-Jun 86 (145) Emphasizes food packaging applications  
PB86-871274/CAW RAPRA
- Peelable Packaging 1982-Mar 86 (87) Tamper proof closures are covered in depth in another bibliography  
PB86-861838/CAW PSTA
- Permeability of Packages 1982-Nov 85 (113)  
PB86-852100/CAW PSTA
- Plastic Films in Packaging 1982-1986 (169)  
PB87-852380/CAW PSTA  
Polyethylene Terephthalate Packaging Materials 1982-Nov 85 (121)  
PB86-851094/CAW PSTA
- Stretchwrap and Shrinkwrap Films 1973-Apr 86 (196)  
PB86-864469/CAW RAPRA
- Thermoplastic Packaging 1982-Mar 86 (170)  
PB86-863206/CAW PSTA
- Transparent Packaging 1972-Mar 86 (56) Materials mentioned only briefly, are covered in other bibliographies  
PB86-861861/CAW PSTA

## Packet switching

- Data and Voice Packets in Communication Systems 1970-Jul 86 (119)  
PB86-872272/CAW PTO
- Integrated Service Digital Networks: Switching and Transmission 1975-Jan 86 (188)  
PB86-855020/CAW INSPEC
- Integrated Voice/Data Communication 1975-Apr 86 (104)  
PB86-864709/CAW INSPEC
- Packet Switched Military Data Network: ARPA Network 1975-Mar 86 (162)  
PB86-859097/CAW INSPEC  
Packet Switched Public Data Network: Euronet 1976-Mar 85 (145)  
PB85-856383/CAW INSPEC  
Packet Switched Public Data Networks: European 1976-Jun 85 (163)  
PB85-862480/CAW INSPEC

- Packet Switched Public Data Networks: North American 1975-Apr 86 (178) Excludes ARPA network  
PB86-862851/CAW INSPEC  
Packet Switched Public Networks: Japanese DDX 1975-Mar 85 (127)  
PB85-856391/CAW INSPEC
- Packet Switching Protocol X.25 1977-Mar 86 (346)  
PB86-859113/CAW INSPEC

## Packings(Seals)

- \*Seals and Gaskets Nov 81-Oct 86 (342) Excludes highway joint seals, dental sealants, and home construction sealants  
PB87-850277/CAW NTIS  
Tamper Resistant Packaging 1970-Oct 85 (56)  
PB85-869865/CAW PTO

## Paging

- Mobile Telephone and Paging Systems Jun 70-Jun 86 (281)  
PB86-869773/CAW Ei
- Paging Equipment 1970-Feb 86 (105)  
PB86-860319/CAW PTO

## Paint removal

- Paint Removal 1980-Apr 86 (136)  
PB86-865680/CAW WSC

## Painting

- Electrostatic Painting 1970-1984 (59)  
PB85-852143/CAW PTO  
Spray Painting 1970-May 85 (156)  
PB85-861037/CAW PTO

## Paints

- Antifouling Coatings and Paints 1970-Jun 86 (89) Use for protection of marine vessels and structures is emphasized  
PB86-870250/CAW PTO
- Automobile Coatings: Painting of Plastics 1980-Mar 86 (78)  
PB86-861671/CAW WSC
- Automobile Coatings: Refinishing 1980-Mar 86 (144)  
PB86-861069/CAW WSC
- Highway Markings 1970-Apr 86 (167)  
PB86-862323/CAW NTIS
- Intumescent Coatings and Paints 1980-Apr 86 (129)  
PB86-865896/CAW WSC
- Luminescent, Pearlescent, and Fluorescent Coatings 1980-1985 (194)  
PB86-853603/CAW WSC
- Luminous Paints Jun 70-Feb 86 (64)  
PB86-861127/CAW EDB  
Luminous Paints Jun 70-Oct 84 (56)  
PB85-850352/CAW Ei
- \*Nondestructive Testing of Surfaces, Coatings, and Paints 1983-1985 (349)  
PB86-854460/CAW EDB
- Nondestructive Testing of Surfaces, Coatings, and Paints 1970-May 86 (160)  
PB86-868478/CAW Ei
- \*Nondestructive Testing of Surfaces, Coatings, and Paints 1983-Aug 86 (139)  
PB86-873999/CAW IAA
- Nondestructive Testing of Surfaces, Coatings, and Paints Dec 83-Nov 86 (86)  
PB87-851143/CAW NTIS  
Optical Properties of Paint, Ink, and Paper 1980-Nov 85 (57)  
PB85-872414/CAW WSC

## Palladium alloys

- \*Alloying Effects of Palladium May 83-Jan 85 (92)  
PB85-854719/CAW METADEX



- Silver-Palladium Alloys 1971-Mar 86 (323)  
PB86-860921/CAW METADEX

## Pallets

- Packaging Industry: Palletizing 1982-Jul 86 (145)  
PB86-872645/CAW PSTA

## Paper industry

- Paper Industry: Noise Pollution 1976-Jul 86 (179)  
PB86-870482/CAW PIRA
- Papermaking 1970-Jul 85 (217)  
PB85-864627/CAW PTO
- Pulp Effluents: Biological Treatment 1976-Jun 86 (181)  
PB86-871936/CAW PIRA
- Pulping: Energy Consumption and Conservation 1976-May 85 (163)  
PB85-861151/CAW PIRA
- Sludge Dewatering in the Pulp and Paper Industry 1977-Jul 85 (76)  
PB85-863744/CAW SWRA
- Wastepaper Recycling 1976-Mar 86 (267)  
PB86-862687/CAW PIRA

## Paper mills

- Pulp and Paper Mill Effluents: Toxicity to Humans 1976-Jan 86 (142)  
PB86-856978/CAW PIRA

## Paper recycling

- Wastepaper Recycling 1976-Mar 86 (267)  
PB86-862687/CAW PIRA

## Paperboards

- \*Paper, Textiles, and Board Flameproofing 1983-Nov 84 (214)  
PB85-851368/CAW IPC

## Papermaking

- Filler Retention in Papermaking 1976-May 85 (137)  
PB85-861177/CAW PIRA
- Fillers Used in Papermaking 1976-Apr 86 (263)  
PB86-866472/CAW PIRA
- Papermaking 1970-Jul 85 (217)  
PB85-864627/CAW PTO
- Papermaking: Corrosion and Corrosion Control 1976-Mar 86 (337)  
PB86-863040/CAW PIRA
- Printing and Papermaking: Energy Consumption and Conservation 1976-May 85 (246)  
PB85-860088/CAW PIRA
- Pumps for Papermaking and Pulping 1976-Jun 85 (220)  
PB85-861441/CAW PIRA

## Papers

- Controlling Odors Emitted from Packaging Materials 1976-Apr 86 (75) Barrier characteristics of packages are considered in another bibliography  
PB86-865284/CAW PIRA
- Fire Retardants for Wood and Paper 1970-Jan 86 (102)  
PB86-855533/CAW PTO
- Optical Properties of Paint, Ink, and Paper 1980-Nov 85 (57)  
PB85-872414/CAW WSC
- \*Paper, Textiles, and Board Flameproofing 1983-Nov 84 (214)  
PB85-851368/CAW IPC

## Parachutes

- Parachute Systems 1970-Feb 86 (171)  
PB86-861374/CAW EI
- \*Parachutes and Decelerators 1979-May 86 (259)  
PB86-866258/CAW NTIS

- \*Parachutes and Parachuting (Excluding Space Vehicles) Jul 84-Aug 86 (92)  
PB86-873221/CAW IAA

## Parallel processors

- Computers: Massively Parallel Processors 1975-May 86 (51)  
PB86-866480/CAW INSPEC
- Configuration Management: Networks and Parallel Processing 1978-Apr 86 (51)  
PB86-858552/CAW IAA
- Multiple Instruction-Multiple Data Stream Computer Architecture 1976-May 86 (137)  
PB86-869096/CAW INSPEC
- Parallel Computer Architecture 1975-Apr 86 (115)  
PB86-863990/CAW INSPEC
- Parallel Computers 1975-Apr 86 (136)  
PB86-865524/CAW INSPEC
- Parallel Image Processing 1975-Jun 86 (114)  
PB86-869872/CAW INSPEC
- \*Parallel Processing Jul 85-May 86 (98)  
PB86-868627/CAW NTIS
- \*Parallel Processors Oct 85-Sep 86 (333)  
PB86-875556/CAW EI
- Petri Nets for Parallel Processing and Concurrent Systems 1975-Apr 86 (139)  
PB86-865490/CAW INSPEC
- Single Instruction Stream-Multiple Data Stream Computers Architecture -SIMD 1975-Jan 86 (201)  
PB86-857216/CAW INSPEC
- Transputers and the OCCAM Programming Language 1975-May 86 (100)  
PB86-869369/CAW INSPEC

## Paraquat herbicide

- Paraquat Toxicity 1978-Jun 85 (203)  
PB85-863314/CAW LSC

## Parasites

- Chlamydia: Detection Methods 1978-Feb 85 (169)  
PB85-856631/CAW LSC

## Parking

- Urban Parking 1970-May 85 (125)  
PB85-859205/CAW NTIS

## Participative management

- Employee Suggestion Programs in Business 1976-May 86 (122)  
PB86-867686/CAW PIRA
- Participative Management and Quality of Work Jul 76-Sep 86 (205)  
PB86-874245/CAW PIRA
- Participative Management: Theory and Strategy 1974-May 86 (128)  
PB86-866605/CAW MC
- Quality Circles 1979-Jan 86 (188)  
PB86-856572/CAW MC
- Quality Circles 1977-Feb 86 (117)  
PB86-857489/CAW PIRA
- Team Management 1974-Jan 86 (248)  
PB86-856481/CAW MC
- Team Management 1975-Nov 85 (171)  
PB86-850880/CAW PIRA

## Particle boards

- Particle Board Binders: Composition and Manufacture 1972-1984 (132)  
PB85-853034/CAW IPC

## Particles

- Aerosol Size Distribution and Classification 1976-Jul 86 (207)  
PB86-870870/CAW EDB
- Aerosol Size Distribution and Classification 1973-Aug 86 (146)  
PB86-873809/CAW NTIS

- Air Filters: Design, Performance, and Applications Feb 83-Mar 86 (289)  
PB86-858883/CAW EDB

- \*Air Pollution Control Using Particle Filtration Mar 82-Feb 85 (96) Excludes electrostatic precipitator studies  
PB85-855625/CAW NTIS

- \*Air Pollution Sampling of Particles Feb 81-Apr 86 (199)  
PB86-867496/CAW NTIS
- Air Ventilation and Filtration 1970-May 86 (291)  
PB86-867785/CAW NTIS
- \*Chemical Analysis of Aerosols and Airborne Particulates Jul 80-Sep 86 (301) Excludes citations pertaining specifically to sampling techniques and particle size analysis  
PB86-875069/CAW NTIS
- \*Gas Scrubbers Used in Pollution Control 1979-Mar 86 (331)  
PB86-859915/CAW EI
- Particle Collection: Methods and Applications Jun 70-Sep 86 (168) Excludes subatomic particles  
PB86-875739/CAW EI
- Particle Size Analysis 1974-May 86 (293) Includes atmospheric pollutants, aerosols, and powders  
PB86-865607/CAW IAA

## Pascal

- Microcomputers: PASCAL Programming Language 1977-Feb 86 (271)  
PB86-858164/CAW INSPEC
- \*PASCAL Programming Language Oct 84-Apr 86 (97)  
PB86-866969/CAW EI
- PASCAL Programming Language Jun 70-Oct 85 (220)  
PB85-869659/CAW NTIS

## Passivity

- \*Passivation of Metal: Mechanisms and Analysis Aug 83-Jul 85 (79)  
PB85-863959/CAW METADEX

## Patents

- Affinity Chromatography 1970-Mar 86 (92) Applied to separation of biological materials  
PB86-859329/CAW PTO
- Aircraft Flight Control Systems 1970-Sep 85 (129)  
PB85-867299/CAW PTO
- Aircraft Hydraulic Systems 1970-Jun 85 (76)  
PB85-862548/CAW PTO
- Alcohol Breath Analysis 1970-Mar 86 (55)  
PB86-860210/CAW PTO
- Alcohol Fuels 1970-Aug 85 (88)  
PB85-865988/CAW PTO
- Amorphous Semiconductors 1970-Jan 85 (80)  
PB85-854123/CAW PTO
- Anaerobic Adhesives and Sealants 1970-Nov 86 (93)  
PB87-850590/CAW PTO
- Antifogging Devices 1970-Mar 86 (73)  
PB86-862117/CAW PTO
- Antifouling Coatings and Paints 1970-Jun 86 (89) Use for protection of marine vessels and structures is emphasized  
PB86-870250/CAW PTO
- Antimicrobial Agents for Textiles 1970-Mar 86 (109)  
PB86-861929/CAW PTO
- Antireflective Optical Coatings 1970-Jul 86 (61)  
PB86-872405/CAW PTO
- Antistatics in Textiles and Fabrics 1970-Aug 86 (150)  
PB86-873064/CAW PTO
- Aramid Fibers 1970-Nov 86 (108)  
PB87-851838/CAW PTO



- Arithmetic Logic Units 1970-Nov 85 (157)  
PB86-851110/CAW PTO
- Aromatic Polyimides 1970-Sep 86 (93)  
PB86-875366/CAW PTO
- Aseptic Food Packaging 1970-Nov 85 (84)  
PB86-852209/CAW PTO
- Asphalt Blends 1970-Oct 86 (95)  
PB86-876257/CAW PTO
- Associative Memories 1970-Aug 86 (109)  
PB86-874070/CAW PTO
- Athletic Footwear 1970-Feb 86 (198)  
PB86-860616/CAW PTO
- Automobile Electronics 1970-Oct 86 (172)  
PB86-876158/CAW PTO
- Automotive Anti-Theft Devices 1970-Mar 86 (246)  
PB86-862166/CAW PTO
- AM Stereo Broadcasting and Receivers 1970-Apr 86 (82)  
PB86-864287/CAW PTO
- Bar Code Reading Devices 1970-Nov 86 (198)  
PB87-850756/CAW PTO
- Battery Separators 1970-Sep 86 (148)  
PB86-875085/CAW PTO
- Beverage Flavorings 1970-Mar 85 (155)  
PB85-856896/CAW PTO
- Blood Flow Measurement 1970-Feb 86 (180)  
PB86-858180/CAW PTO
- Blood Pressure Measuring Devices 1970-Mar 86 (150)  
PB86-860558/CAW PTO
- Blow Molding Methods and Machines 1970-Jan 86 (368)  
PB86-857612/CAW PTO
- Blown Films 1970-May 86 (57)  
PB86-868502/CAW PTO
- Borehole Drilling 1970-Jun 86 (159)  
PB86-869625/CAW PTO
- Building Acoustics 1970-Aug 85 (134)  
PB85-866028/CAW PTO
- Building Intrusion Detection and Alarm Systems 1970-Apr 86 (122)  
PB86-865417/CAW PTO
- Cable Television 1970-Jun 85 (110)  
PB85-861797/CAW PTO
- Cache Memories 1970-Mar 86 (126)  
PB86-860202/CAW PTO
- Cancer Treatment 1970-Jul 85 (169)  
PB85-864650/CAW PTO
- Cardiac Pacemakers 1970-Jul 85 (183)  
PB85-865087/CAW PTO
- Cellular Plastic Materials 1970-May 85 (112)  
PB85-860724/CAW PTO
- Cellulose Membrane Products 1970-Feb 86 (137)  
PB86-858321/CAW PTO
- Ceramic Capacitors 1970-Jul 86 (176)  
PB86-870912/CAW PTO
- Ceramic Coatings 1970-Jul 86 (92)  
PB86-871837/CAW PTO
- Ceramic Engine Components 1970-Sep 86 (192)  
PB86-875416/CAW PTO
- Ceramic Heat Exchangers 1970-1986 (115)  
PB87-853040/CAW PTO
- Ceramic Prosthetic and Implant Devices 1970-May 86 (70)  
PB86-868072/CAW PTO
- Ceramic Sensors 1970-Oct 86 (255)  
PB86-876448/CAW PTO
- Ceramic Tribological Materials 1970-1985 (69)  
PB86-853926/CAW PTO
- Cermets 1970-Jun 86 (197)  
PB86-869641/CAW PTO
- Charge Coupled Devices 1970-Feb 86 (208)  
PB86-857976/CAW PTO
- Chelating Agents in Plating Processes 1970-Jan 86 (115)  
PB86-855509/CAW PTO
- Chemical Vapor Deposition for Semiconductor Materials and Devices 1970-Apr 86 (97)  
PB86-862547/CAW PTO
- Coal Water Slurries 1970-Mar 85 (96)  
PB85-856912/CAW PTO
- Coextrusion of Plastics 1970-Nov 85 (142)  
PB86-852357/CAW PTO
- Coin Operated Vending Machines 1970-Oct 85 (172)  
PB85-871184/CAW PTO
- Composite Tubing Fabrication and Utilization 1970-Apr 86 (95)  
PB86-863628/CAW PTO
- Cosmetics Containers 1970-Apr 86 (72)  
PB86-865458/CAW PTO
- Credit Cards 1970-Aug 85 (276)  
PB85-866150/CAW PTO
- Crosslinked Polymers 1970-Jul 86 (211)  
PB86-871001/CAW PTO
- Cryptography and Cryptographic Hardware 1970-Apr 86 (84)  
PB86-864402/CAW PTO
- Data and Voice Packets in Communication Systems 1970-Jul 86 (119)  
PB86-872272/CAW PTO
- Data Communication Networks 1970-1985 (111)  
PB86-853512/CAW PTO
- Defoamers 1970-Oct 86 (122)  
PB86-876216/CAW PTO
- Degreasing Metals 1970-Mar 85 (117)  
PB85-856854/CAW PTO
- Dental Materials 1970-Aug 85 (143)  
PB85-865517/CAW PTO
- Dental Prostheses and Implants 1970-Jan 86 (223)  
PB86-856291/CAW PTO
- Diabetes Testing and Treatment 1970-Jul 85 (150)  
PB85-864635/CAW PTO
- Dielectric Ceramic Compositions 1970-Apr 86 (121)  
PB86-863198/CAW PTO
- Dielectric Isolation Techniques in Electronic Circuits 1971-1986 (104) Covers mainly integrated circuits and semiconductor devices  
PB87-853222/CAW PTO
- Dispensing Machines 1970-Sep 85 (188)  
PB85-868586/CAW PTO
- Disposable Fabrics 1970-Jul 85 (86)  
PB85-863694/CAW PTO
- Dot Matrix Printers 1970-1986 (199) Excludes impact printers  
PB87-852166/CAW PTO
- Dynamic Random Access Memories 1970-1985 (120)  
PB86-854783/CAW PTO
- Educational Toys 1970-Jun 85 (136)  
PB85-863207/CAW PTO
- Elastomers: Adhesives, Coatings, and Insulating Materials 1970-Aug 86 (136)  
PB86-872827/CAW PTO
- Electric Vehicles 1970-Aug 85 (155)  
PB85-865525/CAW PTO
- Electrically Conductive and Insulative Adhesives 1970-Feb 86 (79)  
PB86-860269/CAW PTO
- Electrically Conductive Polymers 1970-Mar 86 (131)  
PB86-862513/CAW PTO
- Electrochromic Displays 1970-1985 (200)  
PB86-853314/CAW PTO
- Electroless Plating of Polymeric Substrates 1970-Jul 86 (95)  
PB86-870987/CAW PTO
- Electromagnetic Shielding 1970-Mar 86 (180)  
PB85-861770/CAW PTO
- Electron Beam Welding 1970-Nov 85 (181)  
PB85-872455/CAW PTO
- Electronic Security Devices and Systems 1970-Jul 86 (140)  
PB86-872009/CAW PTO
- Electronic Weighing Scales 1970-May 86 (67)  
PB86-863925/CAW PTO
- Electrophoretic Deposition 1970-Nov 86 (114)  
PB87-851382/CAW PTO
- Electrostatic Painting 1970-1984 (59)  
PB85-852143/CAW PTO
- Electrosurgical Methods and Equipment 1970-Oct 86 (128)  
PB87-850681/CAW PTO
- Enzyme Linked Immunosorbent Assays 1970-Apr 86 (106)  
PB86-865219/CAW PTO
- Epoxy and Polyester Coatings 1970-Oct 86 (158)  
PB87-850244/CAW PTO
- Epoxy Adhesive Compositions 1970-Feb 86 (170)  
PB86-859972/CAW PTO
- Epoxy Encapsulants for Electronics 1970-Oct 86 (78)  
PB86-877180/CAW PTO
- Erasable Programmable Read Only Memories 1970-May 86 (64)  
PB86-868429/CAW PTO
- Ferrofluids 1970-Mar 86 (76)  
PB86-861101/CAW PTO
- Fiber Optic Sensors 1970-Apr 86 (94)  
PB86-862521/CAW PTO
- Fiber Reinforced Composites 1970-Jan 86 (204)  
PB86-856762/CAW PTO
- Filament Winding Methods and Equipment 1970-Jan 86 (126)  
PB86-856804/CAW PTO
- Fire Retardants for Wood and Paper 1970-Jan 86 (102)  
PB86-855533/CAW PTO
- Flame Retardant Polymers 1970-Nov 86 (380)  
PB87-851689/CAW PTO
- Flame Retardant Textiles 1970-Apr 85 (136)  
PB85-857316/CAW PTO
- Flat Panel Displays 1970-Oct 85 (90)  
PB85-871051/CAW PTO
- Flexible Circuits 1970-Oct 86 (208)  
PB86-877172/CAW PTO
- Flight Simulators 1970-Jun 86 (74)  
PB86-870276/CAW PTO
- Fluid Level Detectors 1970-Nov 86 (112)  
PB87-851408/CAW PTO
- Fluidized Bed Boilers and Furnaces 1970-1984 (151)  
PB85-852671/CAW PTO
- Food Flavorings 1970-Jun 86 (122)  
PB86-870755/CAW PTO
- Fracturing Fluids 1970-Jun 85 (85)  
PB85-863173/CAW PTO
- Frequency Shift Keying 1970-Jul 85 (184)  
PB85-862381/CAW PTO
- Fuel Cell Electrodes 1970-1985 (167)  
PB86-852456/CAW PTO
- Fuel Supply and Control for Turbocharged Engines 1970-Mar 86 (60)  
PB86-860871/CAW PTO
- Fungicides 1970-Feb 83 (183)  
PB86-861549/CAW PTO
- Gallium Arsenide Field Effect Transistors: Fabrication 1970-Jul 86 (54)  
PB86-871811/CAW PTO
- Gas Laser Devices and Systems 1970-May 85 (97)  
PB85-861375/CAW PTO
- Gas Scrubbers 1970-Feb 85 (204)  
PB85-855484/CAW PTO
- Gas Turbine Fuel Controls 1970-Jun 85 (187)  
PB85-861821/CAW PTO



- Gate Controlled Switches 1970-Nov 85 (124)  
PB86-852423/CAW PTO
- Genetic Engineering: Monoclonal Antibodies  
1980-Feb 85 (50)  
PB85-855369/CAW PTO
- Genetic Engineering: Plasmids 1970-Mar 86  
(106)  
PB86-861788/CAW PTO
- Gettering in Semiconductors 1970-Apr 86 (51)  
PB86-863255/CAW PTO
- Glass-Ceramic Compositions 1970-May 86 (144)  
PB86-869260/CAW PTO
- Greenhouse Controls 1970-Oct 86 (75)  
PB87-850434/CAW PTO
- Grinding Wheel Dressing 1970-Apr 85 (154)  
PB85-858603/CAW PTO
- Growth Hormones 1970-Mar 86 (115)  
PB86-863271/CAW PTO
- Hazardous Waste Treatment and Disposal 1970-  
Apr 86 (51) Includes radioactive wastes  
PB86-863966/CAW PTO
- Head Up Displays 1970-Apr 86 (58)  
PB86-866894/CAW PTO
- Heat Pipes 1970-Nov 85 (229)  
PB85-872562/CAW PTO
- Heat Resistant Polymers 1970-Nov 86 (79)  
PB87-850616/CAW PTO
- High Pressure Seals 1970-1985 (73)  
PB86-855269/CAW PTO
- High Strength Polymer Composites 1970-May 86  
(158)  
PB86-869526/CAW PTO
- High Temperature and Fluid Wall Reactors  
1970-Jan 86 (94)  
PB86-855566/CAW PTO
- High Temperature Lubricants 1970-Jun 86 (89)  
PB86-869716/CAW PTO
- Holography: Techniques, Materials, and  
Applications 1970-Jun 86 (221)  
PB86-869690/CAW PTO
- Hot Isostatic Pressing Processes and Materials  
1970-1985 (88)  
PB86-853421/CAW PTO
- Hot-Melt Adhesives 1970-Feb 86 (146)  
PB86-857950/CAW PTO
- Hydroponics 1970-Sep 85 (145)  
PB85-867729/CAW PTO
- Image Data Compression 1970-May 86 (57)  
PB86-867918/CAW PTO
- Image Processing 1970-Feb 86 (84)  
PB86-858800/CAW PTO
- Immobilized Enzymes 1970-Apr 86 (105)  
PB86-863941/CAW PTO
- Impact Modifiers for Polymers 1970-Nov 86  
(137)  
PB87-850624/CAW PTO
- Impact Printers 1970-Nov 85 (162)  
PB85-872463/CAW PTO
- Implantation Devices for Administering Medicines  
1970-Oct 86 (110)  
PB86-877230/CAW PTO
- Infectious Disease Vaccines 1970-Aug 85 (126)  
PB85-866309/CAW PTO
- Infrared Detectors 1970-Jan 86 (221)  
PB86-855715/CAW PTO
- Infrared Imaging 1970-Jul 86 (104) Excludes  
infrared detectors  
PB86-872264/CAW PTO
- Insulating Windows 1971-Feb 85 (157)  
PB85-855997/CAW PTO
- Integrated and Printed Circuit Metallization 1970-  
Jul 85 (200)  
PB85-863686/CAW PTO
- Integrated Optics 1970-Jul 85 (125)  
PB85-862399/CAW PTO
- Interferon 1970-1985 (146)  
PB86-854445/CAW PTO
- Internal Combustion Engine Fuel Controls 1970-  
Jun 85 (167)  
PB85-861839/CAW PTO
- Intumescent Materials 1970-Apr 86 (180)  
PB86-865888/CAW PTO
- Ion Selective Electrodes 1970-Jun 86 (72)  
PB86-870458/CAW PTO
- Large Scale and Very Large Scale Integration  
Chips 1970-Jul 86 (123)  
PB86-870961/CAW PTO
- Laser Annealing and Hardening 1970-Jul 85  
(68)  
PB85-864692/CAW PTO
- Laser Cutting and Machining 1970-Jun 86 (77)  
PB86-869724/CAW PTO
- Laser Gyroscopes 1970-Nov 86 (87)  
PB87-850822/CAW PTO
- Laser Printers 1970-Nov 86 (71)  
PB87-851820/CAW PTO
- Laser Recording 1970-Apr 86 (76)  
PB86-868221/CAW PTO
- Laser Welding 1970-Sep 85 (88)  
PB85-867471/CAW PTO
- Lasers: Biomedical Applications 1970-May 85  
(105)  
PB85-859080/CAW PTO
- Leadless Chip Carriers and Devices 1970-Apr 86  
(72)  
PB86-864964/CAW PTO
- Limb and Hip Prostheses 1970-Apr 86 (190)  
PB86-867348/CAW PTO
- Liposomes 1970-1986 (77)  
PB87-852307/CAW PTO
- Lithium Batteries 1970-Oct 86 (72)  
PB86-876232/CAW PTO
- Lithographic Printing Plates 1970-May 85 (222)  
PB85-858769/CAW PTO
- Magnetic Bubble Memories 1970-Mar 86 (148)  
PB86-859360/CAW PTO
- Magnetic Disk Drives 1970-Sep 86 (238)  
PB86-875598/CAW PTO
- Magnetic Disks 1970-Apr 86 (169) Excludes  
citations pertaining specifically to drive  
mechanisms  
PB86-866365/CAW PTO
- Magnetic Tape Cassettes 1970-Sep 85 (185)  
PB85-867273/CAW PTO
- Magnetometers 1970-1985 (194)  
PB86-854569/CAW PTO
- Membrane Switches 1970-Sep 86 (145)  
PB86-874971/CAW PTO
- Metallized Films 1970-Jan 86 (72)  
PB86-855665/CAW PTO
- Microcomputer Controlled Systems 1970-Apr 85  
(89)  
PB85-857878/CAW PTO
- Microcomputers: Coding Applications for  
Television Transmission 1970-Aug 85 (104)  
PB85-867760/CAW Ei
- Microelectronic Circuits 1970-Nov 85 (117)  
PB85-872802/CAW PTO
- Microform Reader/Printers 1980-Mar 86 (194)  
PB86-863172/CAW PTO
- Microporous Filters 1970-1985 (88)  
PB86-853686/CAW PTO
- Microprocessor Control Equipment 1970-Jun 85  
(57)  
PB85-862738/CAW PTO
- Microwave Devices 1970-Sep 86 (149)  
PB86-874542/CAW PTO
- Modems 1970-Feb 86 (132)  
PB86-857984/CAW PTO
- Mold Release Agents 1970-Sep 85 (112)  
PB85-867497/CAW PTO
- Molecular Beam Epitaxy 1970-Jun 86 (62)  
PB86-870110/CAW PTO
- Multilayer Plastic Films 1970-Aug 86 (121)  
PB86-873379/CAW PTO
- Multiple Unit Packaging 1982-Feb 86 (277)  
PB86-861580/CAW PSTA
- Navigational Aids 1970-Aug 85 (105)  
PB85-866770/CAW PTO
- Nickel Superalloys 1970-Mar 86 (91)  
PB86-861713/CAW PTO
- Night Vision Devices 1970-Jun 86 (49)  
PB86-871357/CAW PTO
- Noise Reduction: Electric and Electronic  
Equipment 1970-Aug 85 (56)  
PB85-867224/CAW PTO
- Nondestructive Testing 1970-Jul 86 (268)  
PB86-872280/CAW PTO
- Nonvolatile Semiconductor Memories 1970-Mar  
86 (133)  
PB86-860111/CAW PTO
- Nuclear Magnetic Resonance Imaging 1970-May  
86 (56)  
PB86-867900/CAW PTO
- Odometers 1970-May 86 (116)  
PB86-869419/CAW PTO
- Ohmic Contacts in Group Three Compounds  
1970-Aug 86 (90)  
PB86-873072/CAW PTO
- Oil Field Threaded Connections 1970-Mar 86  
(176)  
PB86-860863/CAW PTO
- Optical Couplers 1970-Jul 85 (146)  
PB85-865129/CAW PTO
- Optical Inspection 1970-Aug 86 (67)  
PB86-874062/CAW PTO
- Optical Memories 1970-Mar 86 (93)  
PB86-859956/CAW PTO
- Optical Modulation 1970-Aug 86 (214)  
PB86-873759/CAW PTO
- Optical Scanning Devices and Systems 1970-  
Aug 86 (294)  
PB86-872736/CAW PTO
- Optical Switches 1970-Feb 86 (85)  
PB86-857521/CAW PTO
- Orthopedic Devices 1970-Jul 85 (143)  
PB85-864254/CAW PTO
- Oxygen Sensors: Applications for Internal  
Combustion Engines 1970-Nov 85 (148)  
PB86-852365/CAW PTO
- Paging Equipment 1970-Feb 86 (105)  
PB86-860319/CAW PTO
- Papermaking 1970-Jul 85 (217)  
PB85-864627/CAW PTO
- Pattern Recognition 1970-Jan 86 (165)  
PB86-855707/CAW PTO
- Pet Waste Disposal Products for Home or  
Kennel Use 1970-Jul 86 (93)  
PB86-872629/CAW PTO
- Pharmaceutical Encapsulation 1970-Nov 85  
(112)  
PB86-852415/CAW PTO
- Phase Change Materials 1970-Jun 85 (69)  
PB85-862373/CAW PTO
- Phase Shifters in Antenna Systems 1970-May  
86 (145)  
PB86-869195/CAW PTO
- Photochromic Materials 1970-Aug 86 (143)  
PB86-873734/CAW PTO
- Photodetectors 1970-Apr 85 (107)  
PB85-858264/CAW PTO
- Photopolymer Materials and Devices 1970-Aug  
86 (186)  
PB86-873601/CAW PTO
- Photoresist Utilization in Semiconductor Devices  
1970-1986 (243)  
PB87-853339/CAW PTO
- Piezoelectric Ceramics 1970-Mar 86 (167)  
PB86-861044/CAW PTO
- Pipe and Pressure Vessel Testing 1970-Apr 86  
(82)  
PB86-865383/CAW PTO



- Pipe Handling 1970-Oct 85 (220)  
PB85-870558/CAW PTO
- Pipettes 1970-Oct 86 (130)  
PB86-877321/CAW PTO
- Plasma and Flame Sprayed Coatings 1970-May 86 (310)  
PB86-868726/CAW PTO
- Plasma Display Panels 1970-Sep 86 (155)  
PB86-875267/CAW PTO
- Plasma Etching in Semiconductor Fabrication 1970-Aug 86 (83)  
PB86-873296/CAW PTO
- Plastic Coatings 1970-Feb 86 (123)  
PB86-857547/CAW PTO
- Plastic Lenses: Fabrication and Applications 1970-Mar 86 (100)  
PB86-859386/CAW PTO
- Plastisols 1970-1984 (139)  
PB85-851392/CAW PTO
- Polishing of Glass and Lenses 1970-Aug 86 (131)  
PB86-873726/CAW PTO
- Polycarbonate Compositions 1970-May 86 (79)  
Excludes flame retardant compositions  
PB86-868981/CAW PTO
- Polyester Polyols 1970-Sep 85 (117)  
PB86-875754/CAW PTO
- Polyether Polyols 1970-Aug 86 (117)  
PB86-872793/CAW PTO
- Polyimide Adhesives 1970-Mar 86 (85)  
PB86-859246/CAW PTO
- Polymer Powder Coating Compositions 1970-May 86 (170)  
PB86-867983/CAW PTO
- Polymeric Prosthetic Devices and Materials 1970-Jan 86 (189)  
PB86-857166/CAW PTO
- Polymers in Vibration Damping and Soundproofing 1970-Feb 86 (100)  
PB86-858966/CAW PTO
- Prepregs 1970-Feb 86 (110)  
PB86-858743/CAW PTO
- Pressure Sensitive Adhesive Materials 1970-Apr 86 (185)  
PB86-862877/CAW PTO
- Printed Circuit Board Laminates 1970-Feb 86 (80)  
PB86-855541/CAW PTO
- Printed Wiring Devices 1970-Jun 85 (191)  
PB85-861466/CAW PTO
- Private Branch Exchanges 1970-Jan 86 (56)  
PB86-855616/CAW PTO
- Prodrugs and Derivatives 1970-May 86 (77)  
PB86-867926/CAW PTO
- Products from Cellulose Fibers (Excluding Textiles and Membranes) 1970-Feb 86 (246)  
PB86-858362/CAW PTO
- Protective Coating Methods and Compositions 1970-Jun 86 (122)  
PB86-869732/CAW PTO
- Proximity Sensors and Detectors: Optical, Electromagnetic, and Inductive Techniques 1970-Aug 86 (79)  
PB86-873288/CAW PTO
- Proximity Switches 1970-Aug 86 (186)  
PB86-873171/CAW PTO
- Radiation Curable Polymer Coatings 1970-Jun 86 (139)  
PB86-860509/CAW PTO
- Radio Communication Systems 1970-Oct 85 (203)  
PB85-870160/CAW PTO
- Radomes 1970-Mar 86 (90)  
PB86-861242/CAW PTO
- Range Finders 1970-1986 (233)  
PB87-852091/CAW PTO
- Reaction Injection Molding 1970-Feb 85 (52)  
PB85-855419/CAW PTO
- Recombinant DNA 1970-Jul 85 (49)  
PB85-864189/CAW PTO
- Robot Manipulators 1970-May 86 (201)  
PB86-869302/CAW PTO
- Robot Sensors 1970-Oct 86 (153)  
PB86-876414/CAW PTO
- Robots: Industrial 1970-Oct 85 (79)  
PB85-870285/CAW PTO
- Semiconductor Laser Devices 1970-Jan 85 (68)  
PB85-854354/CAW PTO
- Semiconductor Memory Devices 1970-Jul 85 (196)  
PB85-864346/CAW PTO
- Semiconductor Packaging 1970-Jan 86 (149)  
PB86-856374/CAW PTO
- Shaped Charges 1970-Sep 86 (169)  
PB86-875374/CAW PTO
- Sheet Molding Compounds 1970-Apr 86 (97)  
PB86-866373/CAW PTO
- Silicon Nitrides 1970-Jan 86 (130)  
PB86-856382/CAW PTO
- Silicon Pressure Sensors 1970-Oct 86 (82)  
PB87-850707/CAW PTO
- Silicone Elastomers 1970-Jan 86 (157)  
PB86-855186/CAW PTO
- Silicone Rubber Composition 1970-Aug 86 (130)  
PB86-872785/CAW PTO
- Silver Halide Photographic Material 1970-Nov 85 (172)  
PB86-851011/CAW PTO
- Slide Bearings 1970-Aug 85 (142)  
PB85-865772/CAW PTO
- Snack Foods 1970-Oct 85 (123)  
PB85-870582/CAW PTO
- Solar Heat Collectors 1970-1984 (190)  
PB85-854107/CAW PTO
- Solderless Connectors 1970-Oct 86 (115)  
PB86-877412/CAW PTO
- Solid Polymer Electrolytes 1970-Jun 86 (59)  
PB86-870284/CAW PTO
- Solid Waste Incinerators 1970-Oct 86 (227)  
PB86-876455/CAW PTO
- Solventless Polymers 1970-May 86 (167)  
PB86-868569/CAW PTO
- Speech Synthesis 1970-Jan 85 (107)  
PB85-853406/CAW PTO
- Spray Painting 1970-May 85 (156)  
PB85-861037/CAW PTO
- Stepping Motor Control 1970-Mar 85 (58)  
PB85-856714/CAW PTO
- Sunscreens 1970-May 86 (67)  
PB86-870318/CAW PTO
- Superalloy Coatings 1970-Nov 85 (72)  
PB86-851912/CAW PTO
- Superconductive Materials and Devices 1970-Jul 85 (250)  
PB85-865079/CAW PTO
- Surgical Staples and Staple Machines 1970-Jun 86 (91)  
PB86-870771/CAW PTO
- Tamper Resistant Packaging 1970-Oct 85 (56)  
PB85-869865/CAW PTO
- Telephone Answering and Recording Devices 1970-Nov 85 (227)  
PB86-851219/CAW PTO
- Telephone Answering Machines 1970-Mar 86 (285)  
PB86-861820/CAW PTO
- Teletext and Teleconferencing 1970-Jul 85 (53)  
PB85-865285/CAW PTO
- Thermofforming 1970-Nov 84 (184)  
PB85-851343/CAW PTO
- Thermoplastic Laminates and Foams 1970-Sep 85 (92)  
PB85-868594/CAW PTO
- Thermoplastic Polyesters 1970-1986 (204)  
Excludes foams and laminate materials  
PB87-852174/CAW PTO
- Thick Film Compositions and Devices 1970-May 86 (167) Refers mainly to electronic components  
PB86-868775/CAW PTO
- Thin Film Magnetic Heads 1970-Feb 86 (113)  
PB86-858792/CAW PTO
- Thin Film Transistors and Solar Cells 1970-Aug 86 (95)  
PB86-873742/CAW PTO
- Transdermal Drug Release 1970-Apr 86 (55)  
PB86-863214/CAW PTO
- Treatment of Diabetes Complications 1970-Jul 85 (82)  
PB85-864080/CAW PTO
- Ultrasonic Scanning and Imaging: Medical Applications 1970-1985 (166)  
PB86-854296/CAW PTO
- Ultrasonic Welding 1970-Jun 85 (143)  
PB85-863454/CAW PTO
- Ultraviolet Sensitive Photoresists 1970-Jun 86 (76)  
PB86-870342/CAW PTO
- Urinary and Rectal Catheters 1970-Aug 85 (122)  
PB85-865616/CAW PTO
- Venous Catheters 1970-May 86 (188)  
PB86-868437/CAW PTO
- Vibration Detection 1970-Apr 86 (159)  
PB86-865409/CAW PTO
- Video Display Terminals: Peripheral Equipment 1970-Jan 86 (92)  
PB86-856911/CAW PTO
- Voice Recognition Systems 1970-Apr 86 (106)  
PB86-864873/CAW PTO
- Waste Heat Utilization 1970-Sep 85 (201)  
PB85-867489/CAW PTO
- Waterproof Electric Connections 1970-Oct 86 (72)  
PB87-850285/CAW PTO
- Well Logging Tools and Apparatus 1970-Nov 85 (116)  
PB86-852324/CAW PTO
- Wind Turbines 1970-Oct 85 (152)  
PB85-869808/CAW PTO
- X Ray, Optical, and Particle Beam Lithography 1970-May 86 (129)  
PB86-868890/CAW PTO
- Zip Fasteners: Zippers 1978-Sep 86 (273)  
PB86-875473/CAW WTA

## Pattern recognition

- \*Artificial Intelligence Apr 83-1984 (188)  
PB86-852860/CAW Ei
- \*Artificial Intelligence May 84-Apr 86 (181)  
PB86-864105/CAW IAA
- Hough Transforms 1975-Apr 86 (67)  
PB86-865557/CAW INSPEC
- Pattern Recognition 1970-Jan 86 (165)  
PB86-855707/CAW PTO
- \*Pattern Recognition and Image Processing Feb 85-Jan 86 (140) Excludes optical character recognition  
PB86-855780/CAW NTIS
- Pattern Recognition: Computational Geometry 1975-Sep 86 (56)  
PB86-875333/CAW INSPEC

## Pavements

- \*Airport Runways Nov 84-Jan 86 (52)  
PB86-859998/CAW Ei

## PCBs

- \*Polychlorinated Biphenyls in the Environment Sep 80-Apr 86 (349)  
PB86-862216/CAW NTIS
- \*Polychlorinated Biphenyls in Foods Aug 84-Jul 85 (62)  
PB85-864395/CAW FSTA



- Polychlorinated Biphenyls: Occurrence in Sediments and Soils 1977-Jan 86 (149)  
PB86-857075/CAW SWRA

## Peanuts

- Peanut Butter Production and Analysis 1972-Jul 85 (105)  
PB85-864965/CAW FSTA

## Pebble bed reactors

- Pebble Bed Reactors 1970-Jul 86 (180)  
PB86-872140/CAW NTIS

## Pectins

- \* Pectins in Foods Jun 82-Sep 85 (143)  
PB85-868792/CAW FSTA

## Pentachlorophenol

- Pentachlorophenol Toxicity 1978-1985 (130)  
PB86-853157/CAW LSC

## Peptides

- Opioid Peptides 1978-Jan 86 (121)  
PB86-856796/CAW LSC
- Separation of Proteins and Peptides by Chromatography 1978-Mar 86 (173)  
PB86-863784/CAW LSC
- Separation of Proteins and Peptides by Electrofocusing 1978-Mar 86 (181)  
PB86-863776/CAW LSC

## Performance(Human)

- Air Traffic Controller Personnel: Training and Performance 1970-Mar 86 (175)  
PB86-862042/CAW NTIS
- \* Human Work Measurement Apr 82-1985 (137)  
Excludes physiological effects  
PB86-853058/CAW NTIS
- Merit Ratings and Increases 1975-May 85 (113)  
PB85-860641/CAW MC
- Performance Appraisal: Individual and Organizational 1976-Feb 86 (153)  
PB86-858875/CAW PIRA

## Permafrost

- \* Structural Foundations in Soils, Ice, Snow, and Permafrost 1978-Sep 85 (255) Excludes subway and seabed foundations  
PB85-868552/CAW NTIS

## Permanent magnets

- \* Permanent Magnets Sep 82-Oct 85 (295)  
PB86-850039/CAW EDB
- \* Permanent Magnets Jul 83-Aug 86 (249)  
PB86-873411/CAW Ei
- Permanent Magnets Jun 70-1985 (309)  
PB86-854163/CAW NTIS

## Personal computers

- Apricot Personal Computers 1984-Jan 85 (51)  
PB86-859501/CAW INSPEC
- Epson HX-20 Lap Computers 1983-Jan 86 (78)  
PB86-856580/CAW INSPEC
- Hewlett Packard Personal and Portable Computers 1979-Jan 86 (59)  
PB86-857042/CAW INSPEC
- IBM Computers in the Office: Market Aspects 1983-Aug 86 (62)  
PB86-873023/CAW COM
- \* IBM Personal Computers and Compatible Equipment Apr 85-Mar 86 (75)  
PB86-859022/CAW INSPEC
- IBM PC Multiuser and Networking Systems 1983-Jan 86 (103)  
PB86-856853/CAW INSPEC
- Macintosh Apple Computers 1975-Sep 86 (293)  
PB86-875119/CAW INSPEC

- Microcomputers: BASIC Programming and Games with the Commodore 20 and 64 1981-Feb 86 (323)  
PB86-858255/CAW INSPEC
- \* Personal Computing: Trends and Forecasting Oct 84-Sep 86 (241)  
PB86-875184/CAW INSPEC
- Sharp Family of Microcomputers 1975-May 86 (109)  
PB86-866274/CAW INSPEC

## Personnel

- Company Perquisites (Perks) 1974-Jul 86 (114)  
Employee ownership is emphasized in another bibliography  
PB86-873130/CAW MC
- Employee Relocation 1974-Jul 86 (145)  
PB86-872462/CAW MC
- Employee Suggestion Programs in Business 1976-May 86 (122)  
PB86-867686/CAW PIRA
- Interview Techniques: An Employment Guide 1974-Jul 86 (222)  
PB86-873387/CAW MC
- \* Job and Industrial Related Productivity Aug 82-Apr 86 (331) Includes productivity studies on industries, of workers, and as related to the economy  
PB86-868163/CAW NTIS
- \* Role of Women in the Workforce Apr 82-Apr 86 (247) Excludes citations pertaining specifically to welfare programs, training of disadvantaged groups, and vocational guidance  
PB86-865482/CAW NTIS
- Temporary Personnel 1974-Aug 86 (121)  
PB86-874997/CAW MC
- \* Work Attitudes in the Military 1980-Apr 86 (275)  
PB86-868056/CAW NTIS

## Personnel development

- Air Traffic Controller Personnel: Training and Performance 1970-Mar 86 (175)  
PB86-862042/CAW NTIS
- Assessment Centers 1974-Apr 86 (158)  
PB86-864428/CAW MC
- \* Career Development 1985-Jan 86 (134)  
PB86-857067/CAW MC
- Computers for the Physically Handicapped 1978-May 85 (81)  
PB85-860161/CAW INSPEC
- Computers for the Visually Handicapped: Aids for Personal Development and Research 1975-Feb 86 (171)  
PB86-858602/CAW INSPEC
- Employee Counseling 1974-Aug 86 (120)  
PB86-874138/CAW MC
- Industrial Management Development and Training 1976-Apr 86 (291)  
PB86-865946/CAW PIRA
- \* Management Development Nov 82-May 86 (258)  
PB86-868387/CAW MC

## Personnel management

- Affirmative Action in Equal Employment Opportunity 1970-1985 (280)  
PB86-854668/CAW NTIS
- \* Civil Service Jul 80-May 85 (210)  
PB85-858835/CAW MC
- Corporate Wellness Programs 1974-Nov 86 (112)  
PB87-851705/CAW MC
- \* Employee Absenteeism Feb 84-Mar 86 (96)  
PB86-860897/CAW MC
- Employee Counseling 1974-Aug 86 (120)  
PB86-874138/CAW MC
- Flexitime 1974-May 86 (248)  
PB86-866613/CAW MC
- Merit Ratings and Increases 1975-May 85 (113)  
PB85-860641/CAW MC

- Organizational Effectiveness and Performance 1973-Nov 86 (140)  
PB87-850350/CAW NTIS
- Outplacement Services 1974-Apr 86 (71) A related bibliography is also available on the topic 'employee terminations'  
PB86-866225/CAW MC
- Performance Evaluations: Appraisal Methods and Legal Implications 1974-Sep 86 (123)  
PB86-875275/CAW MC
- Telecommuting 1983-Jun 86 (147)  
PB86-871787/CAW COM

## PERT

- Critical Path Method 1975-May 85 (208)  
PB85-861136/CAW INSPEC
- Program Evaluation and Review Technique (PERT) 1975-Feb 86 (264)  
PB86-859626/CAW INSPEC
- Program Evaluation Review Technique (PERT) 1970-Apr 86 (109) Applied To Research And Development Projects  
PB86-864139/CAW Ei

## Pest control

- Insect Control 1970-Jan 86 (227)  
PB86-856390/CAW Ei
- Pheromone Traps 1978-Aug 86 (167)  
PB86-874716/CAW LSC

## Pesticide residues

- Insecticide Residues in Agricultural Crops: Organophosphorus Residues 1970-Oct 86 (145)  
PB86-877271/CAW POLLUTION
- Pesticide Residues in Cereals and Cereal Products 1972-1986 (237)  
PB87-852984/CAW FSTA

## Pesticides

- Cocoa and Chocolate Products: Methods for Analysis 1972-Jul 86 (339)  
PB86-870631/CAW FSTA
- \* DDT, DDD, and DDE Pesticides 1977-Feb 86 (237)  
PB86-858305/CAW NTIS
- Ecology of Pesticide Water Pollution 1978-Jul 86 (376)  
PB86-871688/CAW NTIS
- Ethylene Dibromide: Biochemical Effects and Environmental Concerns 1978-Apr 86 (88)  
PB86-866324/CAW LSC
- Fungicides 1970-Feb 83 (183)  
PB86-861549/CAW PTO
- Herbicide Residues: Methods for the Detection and Monitoring 1970-Nov 86 (156)  
PB87-851846/CAW POLLUTION
- Herbicide Use in Food Production: Methods of Analysis 1975-Jul 86 (220)  
PB86-872421/CAW FSTA
- High Performance Liquid Chromatographic Determination of Foods 1975-Jun 86 (349)  
PB86-869468/CAW FSTA
- Lindane Toxicity 1978-Sep 85 (130)  
PB85-867240/CAW LSC
- Malathion Toxicity 1978-1985 (141)  
PB86-854882/CAW LSC
- Paraquat Toxicity 1978-Jun 85 (203)  
PB85-863314/CAW LSC
- Pentachlorophenol Toxicity 1978-1985 (130)  
PB86-853157/CAW LSC
- Pesticide Residues in Milk and Other Dairy Products 1972-Jul 85 (342)  
PB85-864429/CAW FSTA
- \* Pesticide Toxicity in Aquatic Environments Jun 83-Mar 86 (100)  
PB86-862786/CAW SWRA
- Pesticide Toxicity in Freshwater Fish 1978-Nov 86 (121)  
PB87-851432/CAW LSC



- \*Pesticides: Environmental Transport and Transformation Mar 83-May 86 (92)  
PB86-865250/CAW SWRA
- Pheromone Traps 1978-Aug 86 (167)  
PB86-874716/CAW LSC  
Polybrominated Biphenyls: Metabolism and Toxicity 1978-Nov 85 (181)  
PB86-850146/CAW LSC
- \*Polychlorinated Biphenyls in the Environment Sep 80-Apr 86 (349)  
PB86-862216/CAW NTIS
- \*Polychlorinated Biphenyls in Foods Aug 84-Jul 85 (62)  
PB85-864395/CAW FSTA
- Polychlorinated Biphenyls: Occurrence in Sediments and Soils 1977-Jan 86 (149)  
PB86-857075/CAW SWRA
- \*Toxicity of Pesticides Feb 85-Jan 86 (136)  
PB86-856945/CAW NTIS

## Petri nets

- Petri Nets for Parallel Processing and Concurrent Systems 1975-Apr 86 (139)  
PB86-865490/CAW INSPEC

## Petroleum

- \*Desulfurization of Coal and Petroleum Oct 81-1984 (64) Excludes flue gas and other post-combustion sulfur control  
PB85-852945/CAW NTIS
- \*Geological Surveys for Petroleum and Natural Gas Sep 83-May 85 (311)  
PB85-859643/CAW EDB
- Heavy Crude Petroleum Deposits 1976-Jan 86 (216)  
PB86-856556/CAW EDB  
Petroleum and Natural Gas: Factors Affecting Market Value 1976-Oct 85 (204)  
PB85-871259/CAW EDB

## Petroleum & petrochemical industry

- \*Waste Processing and Pollution in the Chemical and Petrochemical Industries Mar 83-Nov 85 (245)  
PB86-852381/CAW NTIS

## Petroleum production

- Deep Water Drilling Technology 1976-Aug 86 (215)  
PB86-873528/CAW EDB
- \*Enhanced Oil Recovery by Gas and Steam Injection Sep 85-Aug 86 (109)  
PB86-874039/CAW EDB
- \*Enhanced Oil Recovery by Waterflooding Sep 82-Feb 86 (241)  
PB86-860764/CAW EDB
- Geochemical Analysis in Petroleum Exploration 1976-Mar 86 (64)  
PB86-860491/CAW EDB
- Oil Field Threaded Connections 1976-Feb 86 (142)  
PB86-860301/CAW EDB
- Oil Field Threaded Connections 1970-Mar 86 (176)  
PB86-860863/CAW PTO  
OPEC Produced Oil: Political Aspects 1976-Nov 85 (238)  
PB85-871929/CAW EDB
- \*Petroleum and Gas Recovery: Directional Drilling Sep 84-1985 (124)  
PB86-854205/CAW EDB
- \*Petroleum Recovery: Reservoir Engineering and Recovery Methods Mar 83-Feb 86 (361)  
PB86-858313/CAW Ei
- Seismic Surveys for Offshore Petroleum and Natural Gas Exploration and Production 1976-1985 (329)  
PB86-854171/CAW EDB
- Tort Law: Energy Related Liability 1976-Jan 86 (169) Excludes superfunds and acid rain  
PB86-858891/CAW EDB

## Phase

- \*Sigma Phase Formation Effects: Metal Alloy Properties Nov 83-May 85 (52)  
PB85-860476/CAW METADEX

## Phase change materials

- Phase Change Materials 1970-Jun 85 (69)  
PB85-862373/CAW PTO

## Phase conjugation

- Optical Phase Conjugation 1979-1986 (135)  
PB87-852760/CAW Ei
- Optical Phase Conjugation: Mirrors 1979-Jan 86 (146)  
PB86-856077/CAW INSPEC

## Phase locked systems

- \*Phase Locked Loop Jul 83-Jun 85 (136)  
PB85-861771/CAW Ei
- Phase Locked Loop May 70-1985 (254)  
PB86-855392/CAW NTIS

## Phase shifters

- \*Phase Shifters 1978-May 86 (173)  
PB86-868585/CAW Ei
- \*Phase Shifters Aug 81-Oct 85 (136)  
PB85-870590/CAW NTIS
- Phase Shifters in Antenna Systems 1970-May 86 (145)  
PB86-869195/CAW PTO

## Phased arrays

- Phase Shifters in Antenna Systems 1970-May 86 (145)  
PB86-869195/CAW PTO
- \*Phased Arrays Jun 82-Jan 86 (193)  
PB86-856960/CAW NTIS
- Scanning Antennas 1974-Jun 86 (252)  
PB86-868809/CAW INSPEC

## Pheromones

- Pheromone Traps 1978-Aug 86 (167)  
PB86-874716/CAW LSC

## Phosphates

- Phosphate Coatings: Aluminum and Aluminum Alloys 1966-1985 (135)  
PB86-852670/CAW METADEX
- Phosphate Coatings: Aluminum and Aluminum Alloys 1980-Feb 86 (102)  
PB86-860335/CAW WSC
- \*Phosphate Coatings: Carbon Steels 1983-1985 (104)  
PB86-852688/CAW METADEX

## Phospholipids

- Liposomes 1970-1986 (77)  
PB87-852307/CAW PTO

## Photochemical oxidants

- Toxicology of Ozone 1970-Nov 86 (338) Covers the effects on plants, animals, and humans  
PB87-851176/CAW NTIS

## Photochemical reactions

- Polyethylenes: Light stability 1973-1985 (131)  
PB86-853355/CAW RAPRA
- Polyurethanes: Light Stability 1973-1986 (96)  
PB87-852372/CAW RAPRA
- PVC Plastics: Light Stability 1973-Nov 85 (148)  
PB86-852175/CAW RAPRA

## Photochromic materials

- Photochromic and Electrochromic Materials 1970-Mar 86 (163)  
PB86-859048/CAW NTIS
- Photochromic Materials Jun 70-Oct 86 (269)  
PB86-876422/CAW Ei

- Photochromic Materials 1970-Aug 86 (143)  
PB86-873734/CAW PTO
- Photochromic Polymers 1973-Sep 86 (77)  
PB86-875853/CAW RAPRA
- Photochromism and Photochromic Materials 1972-Sep 86 (106)  
PB86-875861/CAW IAA

## Photoconductors

- Electrophotography 1970-Mar 85 (195)  
PB85-855831/CAW Ei
- Photoconductors in Electrophotography 1975-Nov 85 (303)  
PB86-851763/CAW INSPEC

## Photodetectors

- Photodetectors 1970-Apr 85 (107)  
PB85-858264/CAW PTO

## Photogrammetry

- Photogrammetry: Equipment and Image Processing 1975-Nov 86 (310)  
PB87-850376/CAW INSPEC

## Photography

- Aerial Photography: Applications in the Study of Coastal Erosion and Pollution 1974-May 86 (350)  
PB86-867397/CAW OCEANIC
- Grey Scale Imaging and Display 1975-Sep 86 (204)  
PB86-874419/CAW INSPEC  
High-speed Photography: Applications In Research and Development Nov 82-Sep 85 (82)  
PB85-868214/CAW Ei
- Microfilm and Microfiche Photography 1975-Mar 86 (50)  
PB86-863578/CAW INSPEC  
Silver Halide Photographic Material 1970-Nov 85 (172)  
PB86-851011/CAW PTO

## Photoluminescence

- \*Photoluminescence May 83-May 85 (141)  
PB85-861540/CAW EDB
- Photoluminescence: Semiconducting Gallium Compounds 1972-1985 (346)  
PB86-853769/CAW Ei
- Photoluminescence: Semiconducting Silicon 1974-Apr 86 (122)  
PB86-866357/CAW Ei

## Photopolymerization

- Photopolymer Materials and Devices 1970-Aug 86 (186)  
PB86-873601/CAW PTO
- Photopolymerization 1970-Nov 86 (278)  
PB87-850368/CAW Ei

## Photopolymers

- Photopolymer Materials and Devices 1970-Aug 86 (186)  
PB86-873601/CAW PTO
- Polyethylenes: Light stability 1973-1985 (131)  
PB86-853355/CAW RAPRA

## Photoresists

- Photoresist Materials and Processes 1970-May 86 (361)  
PB86-868858/CAW Ei
- Photoresist Utilization in Semiconductor Devices 1970-1986 (243)  
PB87-853339/CAW PTO
- Photoresists: Large Scale and Very Large Scale Integrated Circuit Fabrication 1975-Aug 86 (135)  
PB86-872819/CAW INSPEC
- Ultraviolet Sensitive Photoresists 1975-Sep 86 (209)  
PB86-875390/CAW INSPEC



- Ultraviolet Sensitive Photoresists 1970-Jun 86 (76)  
PB86-870342/CAW PTO

## Physicians

- \*Physicians: Manpower Supply, Needs, and Demand 1981-May 86 (158)  
PB86-868692/CAW NTIS

## Physiological effects

- \*Caffeine: Biochemical and Physiological Effects Jun 85-May 86 (53)  
PB86-868361/CAW LSC
- Color Vision 1970-Nov 85 (280)  
PB86-851300/CAW NTIS
- \*Stress Factors on Pilot Performance Feb 81-May 86 (131)  
PB86-868833/CAW NTIS

## Piezoelectricity

- Piezoelectric and Pyroelectric Polymers (Excluding Vinylidene Fluoride Polymers 1975-Oct 86 (237)  
PB86-875945/CAW INSPEC
- Piezoelectric Ceramics 1970-Jul 86 (324)  
PB86-870615/CAW Ei
- \*Piezoelectric Ceramics Jul 83-Jun 86 (200)  
PB86-869203/CAW INSPEC
- Piezoelectric Ceramics 1970-Mar 86 (167)  
PB86-861044/CAW PTO
- Piezoelectric Ceramics 1971-Aug 86 (129)  
PB86-872520/CAW SPIN
- Piezoelectric Crystals Jun 70-Nov 85 (350)  
PB86-852399/CAW Ei
- \*Piezoelectric Crystals Nov 82-Mar 85 (64)  
PB85-857506/CAW NTIS
- Piezoelectric Polymers 1972-Nov 86 (179)  
PB87-850467/CAW Ei
- Piezoelectric Polymers 1976-Nov 86 (127)  
PB87-850194/CAW NTIS
- \*Piezoelectric Transducers Aug 83-Jul 86 (170)  
PB86-870995/CAW Ei
- \*Piezoelectric Transducers Aug 83-Jan 86 (100)  
PB86-857208/CAW NTIS
- Piezoelectric Transducers: Surface Acoustic Wave Devices 1976-Oct 86 (111)  
PB86-875978/CAW IAA
- Piezoelectric Transducers: Ultrasonic Wave Detection 1972-1985 (206)  
PB86-853496/CAW IAA
- \*Vinylidene Fluoride Polymers and Copolymers: Electrical Properties and Applications Apr 85-Feb 86 (60) Emphasis on piezoelectric and pyroelectric properties  
PB86-859832/CAW INSPEC

## Pigments

- UV Drying of Printing Inks: Pigment Effects 1976-Jun 85 (97)  
PB85-861474/CAW PIRA

## Pile structures

- Foundation Engineering: Finite Element Analysis 1970-Nov 84 (224)  
PB85-850469/CAW Ei
- \*Foundation Piles for Marine Platforms Oct 82-Apr 85 (83)  
PB85-858272/CAW Ei
- Foundation Piles: Design, Emplacement, and Performance 1973-Nov 85 (202)  
PB86-851730/CAW BHRA FLUID
- Soil Structure Interactions 1970-Jan 86 (227) Excludes earthquake engineering and structures in snow and permafrost  
PB86-855251/CAW NTIS

## Pilots

- \*Flight Simulator Training Dec 83-Nov 86 (246)  
PB87-851663/CAW NTIS

- Flight Simulators and Simulation 1970-Jan 86 (222)  
PB86-856903/CAW Ei
- \*Flight Simulators and Simulation 1983-May 86 (320)  
PB86-869252/CAW IAA
- Helmet Mounted Displays 1974-Sep 86 (52)  
PB86-875572/CAW IAA
- \*Stress Factors on Pilot Performance Feb 81-May 86 (131)  
PB86-868833/CAW NTIS

## Pipelines

- Coal Transportation 1970-Jan 86 (179)  
PB86-856283/CAW NTIS
- \*Materials Handling by Slurry Pipelines Aug 80-Mar 86 (301)  
PB86-861424/CAW Ei
- Materials Handling by Slurry Pipelines 1970-Sep 85 (187)  
PB85-868040/CAW NTIS
- Offshore Pipelines 1970-Apr 86 (146)  
PB86-866316/CAW NTIS
- \*Pipeline Corrosion Aug 81-Oct 86 (377)  
PB86-876810/CAW Ei
- Pipeline Corrosion 1970-Mar 85 (99)  
PB85-856284/CAW NTIS
- Pipeline Insulation: Heat Loss and Corrosion Prevention 1972-Nov 85 (157)  
PB85-871986/CAW Ei
- Pipeline System Insulation: Thermal Insulation and Corrosion Prevention 1976-Nov 85 (266)  
PB86-851060/CAW RAPRA
- Plumbing and Distribution Systems for Drinking Water 1970-Feb 86 (109)  
PB86-861903/CAW Ei
- Plumbing and Distribution Systems for Drinking Water 1977-Mar 86 (74)  
PB86-861846/CAW SWRA
- Protective Coatings for Pipelines 1976-Oct 85 (330)  
PB85-870608/CAW EDB
- Seismic Studies of Pipelines 1970-Aug 85 (176)  
PB85-866051/CAW Ei
- Seismic Studies of Pipelines 1970-Aug 85 (117)  
PB85-866291/CAW NTIS

## Pipelining(Computers)

- Pipelined Computer Architecture 1970-Apr 86 (74)  
PB86-864063/CAW Ei

## Pipes

- Composite Tubing Fabrication and Utilization 1970-Apr 86 (95)  
PB86-863628/CAW PTO
- \*Nondestructive Testing of Pipes and Tubes Jun 84-Oct 85 (203)  
PB85-871713/CAW EDB
- Pipe and Pressure Vessel Testing 1970-Apr 86 (82)  
PB86-865383/CAW PTO
- Pipe Handling 1970-Oct 85 (220)  
PB85-870558/CAW PTO
- Plumbing and Distribution Systems for Drinking Water 1970-Feb 86 (109)  
PB86-861903/CAW Ei
- Plumbing and Distribution Systems for Drinking Water 1977-Mar 86 (74)  
PB86-861846/CAW SWRA
- Soil Structure Interactions 1970-Jan 86 (227) Excludes earthquake engineering and structures in snow and permafrost  
PB86-855251/CAW NTIS
- \*Ultrasonic Nondestructive Testing for Pipes and Tubes Sep 82-Mar 85 (71)  
PB85-856078/CAW METADEX

## Pipettes

- Pipettes 1970-Oct 86 (130)  
PB86-877321/CAW PTO

## Pistons

- \*Lubrication and Wear of Pistons and Piston Rings Nov 82-May 86 (69)  
PB86-864329/CAW BHRA FLUID

## Plant genetics

- Biotechnically Improved Tomatoes 1972-Feb 86 (60)  
PB86-860533/CAW FSTA
- Crop Production: Agronomy and Horticulture 1984-Mar 85 (109)  
PB85-857407/CAW FEDRIP

## Plant hormones

- Allelochemicals 1978-Mar 86 (187)  
PB86-861986/CAW LSC

## Plant layout

- Factory Layout Apr 75-Sep 84 (201)  
PB86-851748/CAW Ei
- Factory Layout Jun 70-1985 (264)  
PB86-854114/CAW NTIS
- Manufacturing Cells 1980-Aug 86 (90)  
PB86-873155/CAW INSPEC

## Plants(Botany)

- \*Air Pollution Effects on Plants Apr 76-Aug 85 (338)  
PB85-866564/CAW NTIS
- \*Algae: Control and Growth in Lakes and Streams Oct 84-Oct 86 (124)  
PB86-877313/CAW SWRA
- \*Aquatic Weed Control Dec 81-1985 (163)  
PB86-854270/CAW NTIS
- Biotechnology Opportunities in Agriculture 1974-1986 (121)  
PB87-853255/CAW MC
- Genetic Engineering: Plants, Bacteria, Livestock 1984-Mar 85 (95)  
PB85-857431/CAW FEDRIP
- Guayule Rubber: Cultivation and Manufacture 1977-May 85 (206)  
PB85-861185/CAW RAPRA
- Hydroponics 1970-Sep 85 (145)  
PB85-867729/CAW PTO
- Leaf Protein Concentrates: Isolation and Nutrition 1972-Sep 85 (141)  
PB85-868685/CAW FSTA
- Mushroom Industry 1972-1985 (169)  
PB86-854650/CAW FSTA
- Plant Growth Regulators: Vegetables and Grains 1978-May 86 (140)  
PB86-866126/CAW FSTA
- Plant Growth Regulators: Fruits 1978-Aug 85 (245)  
PB85-866879/CAW FSTA
- Water Pollution: Uptake of Heavy Metals by Shellfish and Marine Plants 1974-Feb 86 (269)  
PB86-858719/CAW OCEANIC

## Plasma devices

- Plasma Display Panels 1970-Jun 86 (106)  
PB86-869153/CAW NTIS
- Plasma Display Panels 1970-Sep 86 (155)  
PB86-875267/CAW PTO

## Plasma guns

- \*Plasma Guns 1981-Sep 85 (248)  
PB85-867307/CAW EDB
- Plasma Guns 1970-Apr 86 (127)  
PB86-863891/CAW Ei
- Plasma Guns 1972-Oct 85 (277)  
PB85-870905/CAW IAA



## Plasma spraying

- \*Plasma and Flame Sprayed Coatings 1980-Feb 86 (349)  
PB86-858008/CAW Ei
- \*Plasma and Flame Sprayed Coatings Feb 80-Mar 86 (176)  
PB86-859188/CAW NTIS
- Plasma and Flame Sprayed Coatings 1970-May 86 (310)  
PB86-868726/CAW PTO

## Plasmids

- Genetic Engineering: Plasmids 1970-Mar 86 (106)  
PB86-861788/CAW PTO

## Plastic properties

- Constitutive Equations: Plastic and Viscoelastic Properties Aug 77-May 86 (330)  
PB86-867975/CAW IAA
- Constitutive Equations: Plastic and Viscoelastic Properties 1975-May 86 (201)  
PB86-867991/CAW INSPEC

## Plastics

- 1980-Aug 86 (169)  
PB86-874880/CAW WSC
- \*Acrylic Adhesives Sep 83-Oct 85 (207)  
PB85-870863/CAW RAPRA
- Acrylic Coatings: Anticorrosive and Antifouling 1980-Mar 86 (148)  
PB86-861598/CAW WSC
- \*Acrylic Resins: Acrylates, Acrylamides, and General Studies Aug 85-Jul 86 (210) Excludes acrylonitrile and methacrylate polymers  
PB86-870847/CAW Ei
- Acrylic Resins: Methacrylate Polymers 1970-Mar 86 (300) Covers fabrication, polymerization, and properties  
PB86-864188/CAW NTIS
- Adipate Compounds 1973-Jan 86 (136)  
PB86-857117/CAW RAPRA
- Amorphous Polymeric Films 1973-Nov 85 (216)  
PB86-852258/CAW RAPRA
- Anion Exchange Resins: Structure, Formulation, and Applications 1977-Jul 85 (101)  
PB85-865384/CAW RAPRA
- Antioxidants and Stabilizers for Plastics Aug 83-Oct 85 (163)  
PB85-870665/CAW Ei
- Aramid Fibers 1970-Nov 86 (108)  
PB87-851838/CAW PTO
- \*Aramid Fibers: Reinforcement for Plastics and Elastomers 1985-1986 (310)  
PB87-852539/CAW RAPRA
- Aromatic Polyimides 1970-Sep 86 (93)  
PB86-875366/CAW PTO
- Automobile Coatings: Acrylic and Alkyd Topcoats 1980-Mar 86 (181)  
PB86-861630/CAW WSC
- Automobile Coatings: Painting of Plastics 1980-Mar 86 (78)  
PB86-861671/CAW WSC
- Automobile Coatings: Polyurethanes 1980-Mar 86 (63)  
PB86-861655/CAW WSC
- Barrier Properties of Packaging Materials 1982-Apr 86 (114)  
PB86-864147/CAW PSTA
- Blow Molding Methods and Machines 1970-Jan 86 (368)  
PB86-857612/CAW PTO
- Blowing and Foaming Agents for Polymeric Foams Feb 83-1986 (330)  
PB87-852711/CAW RAPRA
- Blown Films 1970-May 86 (57)  
PB86-868502/CAW PTO
- Boats: Polymers and Polymer Processing 1973-Oct 85 (250)  
PB85-870715/CAW RAPRA
- Boron, Metal, and Aramid Fiber Reinforced Plastics 1973-Nov 86 (194)  
PB87-850541/CAW RAPRA
- Carbon Fiber Reinforced Plastics (Nongraphite): Aerospace Applications 1973-May 86 (249)  
PB86-868759/CAW RAPRA
- Carbon Fiber Reinforced Plastics (Nongraphite): Non-Aerospace Applications 1973-May 86 (183)  
PB86-868445/CAW RAPRA
- Carbon Fiber Reinforced Plastics (Nongraphite): Properties and Tests 1973-May 86 (252) Excludes applications  
PB86-868742/CAW RAPRA
- Cathodic Electrocoating 1980-Apr 85 (267)  
PB85-858462/CAW WSC
- Cellular Plastic Materials 1970-May 85 (112)  
PB85-860724/CAW PTO
- Cellulose Membrane Products 1970-Feb 86 (137)  
PB86-858321/CAW PTO
- Coextrusion of Plastics 1970-Nov 85 (142)  
PB86-852357/CAW PTO
- \*Combustion of Plastics and Elastomers Nov 80-Nov 85 (235)  
PB86-852035/CAW NTIS
- Computer Aided Plastic and Rubber Manufacturing 1973-Jun 86 (293)  
PB86-869807/CAW RAPRA
- Concrete Polymer Composites 1977-Oct 86 (272)  
PB87-852117/CAW RAPRA
- Credit Cards 1970-Aug 85 (276)  
PB85-866150/CAW PTO
- Crosslinked Polymers 1970-Jul 86 (211)  
PB86-871001/CAW PTO
- \*Electrically Conductive Plastics Aug 83-Apr 86 (118)  
PB86-867157/CAW EDB
- \*Electrically Conductive Plastics Sep 83-Feb 86 (190)  
PB86-858917/CAW Ei
- Electrically Conductive Polymers 1970-Mar 86 (131)  
PB86-862513/CAW PTO
- Electron Beam Curing of Polymers 1977-1986 (269)  
PB87-851978/CAW RAPRA
- \*Engineering Plastics: Properties, Processing, and Applications Jan 85-Dec 85 (197)  
PB86-852951/CAW RAPRA
- Epoxy and Polyester Coatings 1970-Oct 86 (158)  
PB87-850244/CAW PTO
- Epoxy Adhesive Compositions 1970-Feb 86 (170)  
PB86-859972/CAW PTO
- Epoxy Coatings (Excluding Erosion) Jun 70-Oct 85 (338)  
PB85-869766/CAW Ei
- Epoxy Coatings: Anticorrosive and Antifouling 1980-Mar 86 (246)  
PB86-861440/CAW WSC
- Epoxy Coatings: Erosion 1970-Apr 86 (147)  
PB86-867090/CAW Ei
- Epoxy Encapsulants for Electronics 1970-Oct 86 (78)  
PB86-877180/CAW PTO
- Epoxy Resins: Aerospace Applications 1973-1985 (208)  
PB86-853843/CAW RAPRA
- Extrusion of High Density Polyethylenes Jul 84-Nov 85 (104)  
PB86-850161/CAW RAPRA
- Extrusion of Polypropylenes 1973-Jul 85 (190)  
PB85-865368/CAW RAPRA
- Extrusion Blow Molding of Thermoplastics 1973-Apr 86 (248)  
PB86-865748/CAW RAPRA
- Fabric Reinforced Composites 1975-Jun 86 (296)  
PB86-870623/CAW WTA

- Fiber Reinforced Composites (Excluding Epoxies and Polyesters) 1970-Oct 86 (236)  
PB86-876984/CAW Ei
- Fiber Reinforced Composites: Physical Properties 1970-Nov 86 (198) Excludes fiber reinforced plastics, fiber reinforced laminates, and glass fiber reinforcements  
PB87-851309/CAW NTIS
- Fiber Reinforced Composites: Technology and Evaluation 1970-Nov 86 (321) Excludes fiber reinforced plastics, fiber reinforced laminates, and glass fiber reinforcements  
PB87-851119/CAW NTIS
- \*Fiber Reinforced Epoxy Composites Dec 85-Nov 86 (88)  
PB87-851291/CAW Ei
- Fiber Reinforced Polyester Composites 1972-Oct 84 (106)  
PB85-851038/CAW Ei
- Fiberglass Blistering 1973-Jan 86 (52)  
PB86-855889/CAW RAPRA
- Fiberglass Reinforced Plastics 1977-Nov 85 (263)  
PB86-851805/CAW NTIS
- \*Fillers for Plastics Feb 85-Jan 86 (43)  
PB86-857190/CAW Ei
- Flame Retardant Plastics and Elastomers (Excluding Foams) Oct 83-Sep 86 (318) Excludes flame retardant plastic foams  
PB86-875457/CAW RAPRA
- \*Flame Retardant Polymeric Foams: Manufacturing, Applications, and Hazards Jul 84-Aug 86 (116)  
PB86-872447/CAW RAPRA
- Flame Retardant Polymers 1970-Nov 86 (380)  
PB87-851689/CAW PTO
- \*Foamed Plastics: Polyurethane Foams 1979-Mar 86 (205)  
PB86-862182/CAW NTIS
- \*Foamed Plastics: Styrene, Silicone, Epoxy, and Other Polymeric Foams 1979-May 86 (204) Excludes urethane and isocyanate polymeric foams  
PB86-868486/CAW NTIS
- Food Packaging: Odor, Flavor, and Contamination 1976-Feb 86 (205)  
PB86-860350/CAW PIRA
- \*Gas Permeability of Polymers 1985-1986 (177) Water vapor and water permeability of polymers are included in other bibliographies  
PB87-853081/CAW RAPRA
- Glass Fiber Reinforced Plastics: Building and Agricultural Applications 1975-Oct 85 (133) This report has been updated and split into 2 separate titles - one for building applications, the other for agricultural applications  
PB85-870681/CAW RAPRA
- Glass Fiber Reinforced Plastics: Chemically Resistant Applications 1977-Oct 85 (109)  
PB85-870475/CAW RAPRA
- Glass Fiber Reinforced Plastics: Fracture Mechanics 1975-Jul 86 (293)  
PB86-871282/CAW INSPEC
- Graphite Fiber Reinforced Epoxy 1973-Oct 86 (373)  
PB86-877305/CAW RAPRA
- Heat Resistant Plastics Excluding Nitrogen Compounds Sep 80-Sep 86 (180)  
PB86-875762/CAW NTIS
- Heat Resistant Polymers 1970-Nov 86 (79)  
PB87-850616/CAW PTO
- Heat Treatment of Thermoplastics and Thermosets 1973-Jul 86 (271)  
PB86-870748/CAW RAPRA
- High Strength Polymer Composites 1970-May 86 (158)  
PB86-869526/CAW PTO
- Hot Stamping of Plastics 1973-Apr 86 (130)  
PB86-868205/CAW RAPRA
- \*Hydrophobic Polymers Mar 83-May 86 (214)  
PB86-869450/CAW RAPRA



- Impact Modifiers for Polymers 1970-Nov 86 (137)  
PB87-850624/CAW PTO  
Inflatable Structures and Equipment 1977-Nov 85 (212)  
PB86-850229/CAW RAPRA
- \*Injection Molding of Polypropylenes Jul 82-Jun 85 (178)  
PB85-861508/CAW RAPRA
- \*Injection Molding Machinery and Accessories Dec 85-Nov 86 (298)  
PB87-851507/CAW RAPRA
- Inorganic Polymers 1976-Oct 86 (148)  
PB86-875929/CAW EDB
- Inorganic Polymers 1970-Nov 86 (290)  
PB87-850632/CAW Ei
- Inorganic Polymers 1970-Apr 86 (159)  
PB86-866944/CAW NTIS
- Interpenetrating Polymer Networks 1970-1986 (124)  
PB87-852414/CAW Ei
- \*Metallization of Plastics Mar 83-1986 (118)  
PB87-852182/CAW Ei
- \*Metallization of Plastics 1984-Nov 86 (97)  
Excludes immersion plating and ion plating technology  
PB87-850764/CAW METADEX
- \*Metallization of Plastics Nov 85-Nov 86 (95)  
PB87-851812/CAW RAPRA
- Metallizing Thermoplastics and Thermosets 1973-1985 (347)  
PB86-853181/CAW RAPRA
- \*Mineral Fillers in Plastics and Elastomers Jun 83-May 86 (272)  
PB86-868577/CAW RAPRA  
Mold Release Agents 1970-Sep 85 (112)  
PB85-867497/CAW PTO
- \*Mold Release Agents for Rubbers and Plastics 1985-1986 (95)  
PB87-852125/CAW RAPRA
- Molding Thermosetting and Thermoplastic Structural Foam 1970-Oct 86 (271)  
PB86-876794/CAW Ei
- \*Molding Thermosetting and Thermoplastic Structural Foam Dec 84-1985 (54)  
PB86-854510/CAW RAPRA
- Multilayer Plastic Films 1970-Aug 86 (121)  
PB86-873379/CAW PTO
- Nitrogen Containing Heat Resistant Plastics 1976-Aug 86 (261)  
PB86-873866/CAW NTIS  
Nondestructive Testing of Plastics 1970-May 85 (279)  
PB85-860781/CAW NTIS
- \*Nondestructive Testing: Rubbers and Plastics Nov 83-Oct 85 (128)  
PB85-870061/CAW RAPRA
- Oriented Films in Packaging 1982-Jun 86 (55)  
Emphasizes food packaging applications  
PB86-871159/CAW PSTA
- Pharmaceutical Packaging: Plastics and Elastomers 1973-Nov 86 (363)  
PB87-850947/CAW RAPRA
- Photochromic Polymers 1973-Sep 86 (77)  
PB86-875853/CAW RAPRA
- Photoconductive Plastics 1975-Jan 86 (254)  
PB86-856127/CAW INSPEC
- Piezoelectric and Pyroelectric Polymers (Excluding Vinylidene Fluoride Polymers 1975-Oct 86 (237)  
PB86-875945/CAW INSPEC
- \*Plastic and Rubber Materials used in Athletic Equipment 1983-May 86 (237)  
PB86-870003/CAW RAPRA
- \*Plastic Bottles Used in the Food Industry Dec 85-Nov 86 (47)  
PB87-850996/CAW FSTA  
Plastic Building Materials for Underground Construction 1977-Oct 85 (304)  
PB85-869634/CAW RAPRA
- Plastic Coatings 1970-Feb 86 (123)  
PB86-857547/CAW PTO
- Plastic Electrostatic Coatings 1973-May 86 (185)  
PB86-870300/CAW RAPRA
- Plastic Explosive PETN: Penaerethritol Tetranitrate 1970-Jun 86 (127)  
PB86-870573/CAW NTIS
- Plastic Explosive RDX: Cyclotrimethylenetrinitramine 1970-May 86 (262)  
PB86-870268/CAW NTIS
- Plastic Films in Packaging 1982-1986 (169)  
PB87-852380/CAW PSTA
- Plastic Foam Coating: Processes, Formulations, and Applications 1975-Apr 86 (299)  
PB86-864410/CAW RAPRA
- Plastic Fuel Tanks in Automobiles and Aircraft 1973-1986 (247)  
PB87-852570/CAW RAPRA
- Plastic Lenses: Fabrication and Applications 1970-Mar 86 (100)  
PB86-859386/CAW PTO
- Plastic Lenses: Fabrication and Applications 1977-1986 (303)  
PB87-853073/CAW RAPRA  
Plastic Sheathing and Siding: Building Applications 1978-Jun 85 (194)  
PB85-863165/CAW RAPRA
- \*Plastic Window Frames Mar 83-1985 (179)  
PB86-853835/CAW RAPRA
- Plastic Window Materials: Frames and Glazing 1977-1985 (276)  
PB86-853983/CAW RAPRA
- \*Plastic-Based Flooring Materials Jun 83-Nov 85 (151)  
PB85-872398/CAW RAPRA
- Plastics and Elastomers as Moisture Barriers 1973-Nov 86 (225)  
PB87-850491/CAW RAPRA
- \*Plastics and Elastomers as Protective Coatings Feb 85-Jan 86 (61)  
PB86-856549/CAW RAPRA  
Plastics and Elastomers: Dental Applications 1973-Oct 85 (237)  
PB85-870491/CAW RAPRA
- \*Plastics and Elastomers: Electrical Conductivity Jan 86-Dec 86 (149) Excludes electromagnetic shielding applications of conductive plastics  
PB87-852653/CAW RAPRA
- Plastics and Elastomers: Electron Beam Irradiation Effects 1977-Oct 86 (286)  
PB86-876166/CAW RAPRA
- \*Plastics and Elastomers: Impact Strength Additives Jul 84-Aug 86 (110)  
PB86-872439/CAW RAPRA
- \*Plastics and Elastomers: Machining Processes and Properties May 85-Mar 86 (55) Excludes molding operations  
PB86-862810/CAW RAPRA
- Plastics and Elastomers: Magnetic Properties 1973-1985 (148)  
PB86-853819/CAW RAPRA
- Plastics and Elastomers: Mechanical Degradation 1973-Feb 86 (186)  
PB86-860954/CAW RAPRA
- Plastics and Elastomers: Military Applications 1977-1986 (300)  
PB87-853099/CAW RAPRA  
Plastics and Elastomers: Mining Applications 1973-Nov 85 (267)  
PB85-872356/CAW RAPRA
- \*Plastics and Elastomers: Nondestructive Testing Jul 83-Nov 85 (177)  
PB86-850211/CAW RAPRA  
Plastics and Elastomers: Offshore Applications 1973-Nov 85 (320)  
PB85-872406/CAW RAPRA
- Plastics and Elastomers: Ozone Degradation 1973-1986 (187)  
PB87-852604/CAW RAPRA
- \*Plastics and Elastomers: Pharmaceutical Applications (Excluding Packaging) Apr 83-Feb 86 (169)  
PB86-858909/CAW RAPRA  
Plastics and Elastomers: Plating Methods 1973-Nov 85 (262)  
PB86-850187/CAW RAPRA
- Plastics and Elastomers: Radiation Crosslinking 1973-Mar 86 (342)  
PB86-862539/CAW RAPRA
- Plastics and Elastomers: Space Applications 1977-1985 (234)  
PB86-855046/CAW RAPRA
- Plastics and Rubbers: Horticultural Applications 1978-1985 (237)  
PB86-856101/CAW RAPRA
- Plastics for Automotive Bumpers and Headlights 1979-Oct 85 (330)  
PB86-876877/CAW RAPRA
- Plastics for Automotive Bumpers and Headlamps Nov 85-Oct 86 (116)  
PB86-876885/CAW RAPRA
- \*Plastics Decomposition Oct 83-Sep 85 (110)  
PB85-867919/CAW Ei
- \*Plastics Extrusion Mar 83-Mar 85 (196)  
PB85-856490/CAW Ei
- Plastics Used as Building or Construction Materials 1975-Apr 86 (268)  
PB86-863008/CAW Ei
- Plastics: Space Applications 1972-Aug 86 (196)  
PB86-873452/CAW IAA  
Plastisols 1970-Oct 85 (125)  
PB85-871309/CAW Ei  
Plastisols 1970-1984 (139)  
PB85-851392/CAW PTO  
Plastisols 1980-Nov 85 (114)  
PB85-871648/CAW WSC
- Plastisols: Formulations and Applications 1973-Apr 86 (336)  
PB86-864451/CAW RAPRA
- \*Plating on Plastics and Elastomers Nov 83-1985 (309)  
PB86-857133/CAW Ei
- Polycarbonate Compositions 1970-May 86 (79)  
Excludes flame retardant compositions  
PB86-868981/CAW PTO
- Polycarbonates: Optical Properties and Applications 1973-1986 (276)  
PB87-852455/CAW RAPRA
- \*Polycarbonates: Properties, Synthesis, and Applications 1977-Mar 86 (246)  
PB86-860590/CAW NTIS  
Polyester and Epoxy Resins: Abrasion Resistance 1977-Oct 85 (256)  
PB85-869907/CAW RAPRA
- Polyester Polyols 1970-Sep 85 (117)  
PB86-875754/CAW PTO
- Polyether Polyols 1970-Aug 86 (117)  
PB86-872793/CAW PTO
- Polyether-Etherketon Materials 1973-Apr 86 (120)  
PB86-863982/CAW RAPRA  
Polyethylene Terephthalate Packaging Materials 1982-Nov 85 (121)  
PB86-851094/CAW PSTA
- Polyethylenes: Light stability 1973-1985 (131)  
PB86-853355/CAW RAPRA
- Polymer Powder Coatings: Industrial and Building Applications 1973-Feb 86 (115)  
PB86-857588/CAW RAPRA
- Polymer Radiation Curing: Epoxies, Phenolics, Fluorocarbons, and Silicones 1970-Jan 86 (255)  
PB86-857752/CAW NTIS
- Polymer Radiation Curing: Polyolefins and Acrylics 1970-1986 (216)  
PB87-852463/CAW NTIS
- Polymer Radiation Curing: Styrenes and Vinyls 1970-Apr 86 (173)  
PB86-864584/CAW NTIS



- Polymeric Foam Mattresses 1977-Aug 86 (206)  
PB86-872835/CAW RAPRA
- \*Polymeric Gels and Hydrogels Dec 85-Nov 86 (67)  
PB87-851242/CAW Ei
- Polymeric Materials: Decomposition and Corrosion Jun 74-Aug 86 (299)  
PB86-873593/CAW IAA
- \*Polymeric Prosthetic Devices Jul 84-Aug 86 (168)  
PB86-872454/CAW RAPRA
- \*Polymeric Roofing Materials Jul 84-Nov 86 (209)  
PB87-851317/CAW RAPRA
- \*Polymeric Sealants Jan 85-Dec 85 (74)  
PB86-855855/CAW RAPRA
- Polymers and Copolymers: Glass Transition Temperature 1971-Mar 86 (267)  
PB86-862695/CAW Ei
- Polymers in Vibration Damping and Soundproofing 1970-Feb 86 (100)  
PB86-858966/CAW PTO
- Polyphosphazenes Dec 73-Nov 86 (253)  
PB87-851358/CAW RAPRA
- Polyurethane Adhesives 1980-Jan 86 (133)  
PB86-855954/CAW WSC
- \*Polyurethane Resins: Synthesis and Properties 1979-1986 (305) Excludes polyurethane foams  
PB87-852703/CAW NTIS
- \*Polyurethane/Polyisocyanurate Foam Thermal Insulation Nov 83-Oct 85 (136)  
PB85-869329/CAW RAPRA
- Polyurethanes: Curing 1980-Nov 86 (220)  
PB87-850087/CAW WSC
- Polyurethanes: Light Stability 1973-1986 (96)  
PB87-852372/CAW RAPRA
- \*Polyvinylidene Fluoride Nov 83-Oct 85 (99)  
PB85-870194/CAW Ei
- Polyvinylidene Fluoride 1970-Nov 85 (193)  
PB85-871622/CAW NTIS
- Polyvinylidene Fluoride 1970-Apr 86 (123)  
PB86-867355/CAW SPIN
- Polyvinylidene Fluoride: Reinforcers and Processing 1977-Apr 86 (174)  
PB86-863768/CAW RAPRA
- Polyvinylidene Fluoride: Structure and Degradation 1976-Oct 85 (241)  
PB85-869618/CAW RAPRA
- Prepregs 1970-Feb 86 (110)  
PB86-858743/CAW PTO
- Prepregs: Applications 1973-1986 (195)  
PB87-852596/CAW RAPRA
- Prepregs: Composition and Processing 1973-1986 (319)  
PB87-852588/CAW RAPRA
- Prosthetic Devices: Polymeric Materials Utilization 1970-Nov 86 (231)  
PB87-851440/CAW Ei
- Pultrusion 1970-Oct 85 (71)  
PB85-869188/CAW Ei
- Pultrusion of Reinforced Plastics 1973-Oct 86 (302)  
PB86-876653/CAW RAPRA
- PVC Plastics: Light Stability 1973-Nov 85 (148)  
PB86-852175/CAW RAPRA
- Radiation Curable Polymer Coatings 1970-Jun 86 (139)  
PB86-860509/CAW PTO
- \*Radiation Curing of Polymers Dec 83-Nov 86 (324)  
PB87-851457/CAW Ei
- \*Reaction Injection Molding: Polyamide and Polyurethane Resins 1973-Mar 86 (277)  
PB86-863420/CAW RAPRA
- Reaction Injection Molding: Polyamide and Polyurethane Resins (Applications) 1973-Mar 86 (260)  
PB86-862224/CAW RAPRA
- Recycling Plastic Scrap: Injection Molding 1973-May 86 (58)  
PB86-869484/CAW RAPRA
- Reinforced Plastics: Electrical Applications 1973-Feb 86 (274)  
PB86-859964/CAW RAPRA
- Reverse Osmosis Resins 1975-Mar 86 (186)  
PB86-859030/CAW RAPRA
- Rubber and Plastics Manufacture: Use of Wax Additives 1973-Nov 85 (240)  
PB85-872372/CAW RAPRA
- Seals and Sealants: Physical Stability 1973-Oct 85 (269)  
PB85-870616/CAW RAPRA
- Sheet Molding Compounds 1970-Apr 86 (97)  
PB86-866373/CAW PTO
- Sheet Molding Compounds: Automotive Applications 1973-Jul 86 (212)  
PB86-873163/CAW RAPRA
- \*Silicone Resins: Chemistry 1977-Sep 86 (141)  
PB86-875721/CAW NTIS
- Solvent Free Polymeric Coatings 1973-Nov 86 (210) Includes protective, adhesive, and insulative coatings and sealants  
PB87-852638/CAW RAPRA
- Solventless Polymers 1970-May 86 (167)  
PB86-868569/CAW PTO
- Stretchwrap and Shrinkwrap Films 1973-Apr 86 (196)  
PB86-864469/CAW RAPRA
- Structural Foam Applications 1973-Apr 86 (262)  
PB86-865755/CAW RAPRA
- Structural Foam: Finishing and Decorating 1977-Jan 86 (159)  
PB86-860608/CAW RAPRA
- Thermoforming 1970-Nov 84 (184)  
PB85-851343/CAW PTO
- Thermoplastic Interpenetrating Polymer Networks 1973-Jan 86 (54)  
PB86-856721/CAW RAPRA
- Thermoplastic Laminates and Foams 1970-Sep 85 (92)  
PB85-868594/CAW PTO
- Thermoplastic Packaging 1982-Mar 86 (170)  
PB86-863206/CAW PSTA
- Thermoplastic Polyesters 1970-1986 (204) Excludes foams and laminate materials  
PB87-852174/CAW PTO
- Thermoplastics and Elastomers: Melt Flow Indices 1973-Mar 85 (239)  
PB85-857530/CAW RAPRA
- Thixotropy 1973-Apr 86 (214)  
PB86-864501/CAW RAPRA
- Toxicity: Polymeric Materials in Food-Contact Applications 1977-Oct 86 (237)  
PB86-875960/CAW RAPRA
- Toy Manufacturing: Plastic and Rubber Materials 1973-Feb 86 (240)  
PB86-860947/CAW RAPRA
- Twin-Screw Extruders 1973-Nov 85 (260)  
PB85-872307/CAW RAPRA
- Ultra-High Molecular Weight Polyethylene 1973-Feb 86 (167)  
PB86-857927/CAW RAPRA
- Ultra-High Molecular Weight Polymers 1970-Jan 86 (59)  
PB86-856622/CAW Ei
- Ultrasonic Welding of Plastics 1973-Nov 85 (195)  
PB85-872281/CAW RAPRA
- Urea Formaldehyde in Building Materials 1973-Nov 86 (320)  
PB87-851952/CAW RAPRA
- Urea/Phenol/Melamine Formaldehyde Polymeric Resins 1970-Apr 86 (151)  
PB86-864477/CAW NTIS
- Urea/Phenol/Melamine Formaldehyde Polymeric Resins 1970-Nov 85 (265)  
PB86-851235/CAW Ei
- Urethane Coatings Jun 70-Nov 86 (320)  
PB87-851200/CAW Ei
- Vacuum Forming of Plastics 1973-Jun 85 (203)  
PB85-863488/CAW RAPRA
- Vinyl Chloride and Polyvinyl Chloride: Toxicology 1978-1985 (231)  
PB86-856119/CAW LSC
- \*Vinylidene Fluoride Polymers and Copolymers: Electrical Properties and Applications Apr 85-Feb 86 (60) Emphasis on piezoelectric and pyroelectric properties  
PB86-859832/CAW INSPEC
- Water Permeability of Coatings 1980-Feb 86 (105)  
PB86-859758/CAW WSC
- Water Permeability of Polymers 1973-Sep 86 (141)  
PB86-875127/CAW RAPRA
- Water Vapor Permeability of Polymers (Excluding Gas Permeability) 1973-Nov 86 (305)  
PB87-851465/CAW RAPRA
- Water-Based Polyester Coatings 1980-Aug 86 (139)  
PB86-874872/CAW WSC
- Welding of Plastics: Excluding Ultrasonic Welding 1973-Jul 86 (385)  
PB86-872173/CAW RAPRA
- X Ray Diffraction Studies: Polymers 1970-Jul 86 (135)  
PB86-873098/CAW NTIS

## Plastics extruding

- Coextrusion of Plastics 1970-Nov 85 (142)  
PB86-852357/CAW PTO
- \*Plastics Extrusion Mar 83-Mar 85 (196)  
PB85-856490/CAW Ei

## Plastisols

- Plastisols 1970-Oct 85 (125)  
PB85-871309/CAW Ei
- Plastisols 1970-1984 (139)  
PB85-851392/CAW PTO
- Plastisols 1980-Nov 85 (114)  
PB85-871648/CAW WSC
- Plastisols: Formulations and Applications 1973-Apr 86 (336)  
PB86-864451/CAW RAPRA

## Plating

- Chelating Agents in Plating Processes 1970-Jan 86 (115)  
PB86-855509/CAW PTO
- \*Electrodeposition Jun 81-Jun 86 (316) Includes electroforming  
PB86-869617/CAW NTIS
- Electrodeposition of Alloys 1972-Jan 86 (91)  
PB86-857281/CAW IAA
- Electrodeposition of Alloys 1970-Sep 85 (302)  
PB85-867794/CAW NTIS
- \*Electroless Plating Sep 83-Oct 86 (216)  
PB86-876224/CAW Ei
- Electroless Plating 1970-May 86 (113)  
PB86-867769/CAW NTIS
- Electroless Plating of Polymeric Substrates 1970-Jul 86 (95)  
PB86-870987/CAW PTO
- Electron Beam Evaporated Films 1975-Apr 86 (249)  
PB86-865169/CAW INSPEC
- Electroplating of Nickel 1976-Mar 85 (200)  
PB85-856870/CAW EDB
- Electroplating of Nickel 1970-Oct 85 (211)  
PB85-870624/CAW NTIS
- Electroplating Small Parts: Barrel Plating 1966-1985 (184)  
PB86-854080/CAW METADEX
- \*Gold Coatings and Plating Processes Dec 83-Feb 86 (65)  
PB86-858735/CAW NTIS
- \*Metallic Film Deposition: Ion Plating Oct 84-Oct 86 (115)  
PB86-876109/CAW METADEX



Plastics and Elastomers: Plating Methods 1973-Nov 85 (262)  
PB86-850187/CAW RAPRA

- \*Plating on Plastics and Elastomers Nov 83-1985 (309)  
PB86-857133/CAW Ei
- Printed Circuit Board Coating and Plating 1970-Nov 86 (174)  
PB87-850749/CAW PTO
- Printed Circuit Boards: Through-Hole Plating Technology 1975-Jan 86 (61)  
PB86-856713/CAW INSPEC
- Protective Coatings: Immersion Plating 1966-May 86 (204)  
PB86-865029/CAW METADEX
- \*Tin Plating and Tin Plate Aug 82-Apr 86 (227)  
PB86-865987/CAW Ei
- Vacuum Metallizing: Protective and Decorative Coatings 1966-1985 (232)  
PB86-855921/CAW METADEX

## Plotters

Plotters 1972-Nov 84 (231)  
PB85-851228/CAW IAA

- Plotters: Computer Graphics 1975-May 86 (190)  
PB86-867793/CAW INSPEC
- Plotters: Computer Graphics 1970-Oct 85 (177)  
PB85-871002/CAW NTIS

## Polarization(Waves)

- Polarization-Maintaining Optical Fibers 1975-1986 (66)  
PB87-852281/CAW INSPEC

## Polishing

Chemical Polishing, Machining, and Finishing 1966-Oct 85 (284)  
PB85-871150/CAW METADEX

- \*Electropolishing 1977-May 86 (260)  
PB86-869971/CAW Ei
- Electropolishing 1970-1985 (150)  
PB86-852506/CAW NTIS
- Optical Polishing Techniques 1975-Jul 86 (262)  
PB86-871720/CAW INSPEC
- Polishing of Glass and Lenses 1970-Aug 86 (131)  
PB86-873726/CAW PTO

## Political science

OPEC Produced Oil: Political Aspects 1976-Nov 85 (238)  
PB85-871929/CAW EDB

## Pollution(General)

- \*Chromatography for Pollution and Toxicological Analysis Feb 84-1985 (190)  
PB86-855129/CAW Ei
- \*Chromatography for Pollution and Toxicological Analysis 1983-Nov 85 (198)  
PB85-872661/CAW NTIS
- Cocoa and Chocolate Products: Methods for Analysis 1972-Jul 86 (339)  
PB86-870631/CAW FSTA
- Controlling Odors Emitted from Packaging Materials 1976-Apr 86 (75) Barrier characteristics of packages are considered in another bibliography  
PB86-865284/CAW PIRA
- \*High Performance Liquid Chromatography Jul 83-Sep 86 (347)  
PB86-874492/CAW EDB
- \*Ion Exchange Resins Feb 83-Mar 86 (110)  
PB86-863065/CAW NTIS
- \*Odor Pollution 1977-Apr 86 (145)  
PB86-862000/CAW NTIS
- \*Ore Treatment Techniques Mar 83-Jan 85 (204) Includes pollution control  
PB85-853877/CAW Ei
- \*Pollution Caused by Ammunition Manufacturing Feb 83-Sep 86 (111)  
PB86-875788/CAW NTIS

Pollution Effects of Beryllium and Beryllium Compounds 1970-Mar 85 (139)  
PB85-858694/CAW NTIS

- Remote Sensing Applied to Environmental Pollution Detection and Management 1970-1985 (257)  
PB86-854098/CAW NTIS
- \*Toxicity of Fibers Jul 83-Oct 86 (389)  
PB87-850236/CAW EDB
- Toxicity of Selenium 1976-Oct 85 (349)  
PB85-869204/CAW EDB
- Toxicity of Transition Metals and Transition Metal Compounds Jun 70-Oct 85 (194)  
PB85-869964/CAW Ei

## Polyacrylamides

- \*Acrylic Resins: Acrylates, Acrylamides, and General Studies Aug 85-Jul 86 (210) Excludes acrylonitrile and methacrylate polymers  
PB86-870847/CAW Ei

## Polyacrylates

- \*Acrylic Adhesives Sep 83-Oct 85 (207)  
PB85-870863/CAW RAPRA
- \*Acrylic Resins: Acrylates, Acrylamides, and General Studies Aug 85-Jul 86 (210) Excludes acrylonitrile and methacrylate polymers  
PB86-870847/CAW Ei
- Acrylic Resins: Methacrylate Polymers 1970-Mar 86 (300) Covers fabrication, polymerization, and properties  
PB86-864188/CAW NTIS

## Polybenzimidazoles

- Nitrogen Containing Heat Resistant Plastics 1976-Aug 86 (261)  
PB86-873866/CAW NTIS

## Polybrominated biphenyls

Polybrominated Biphenyls: Metabolism and Toxicity 1978-Nov 85 (181)  
PB86-850146/CAW LSC

## Polycarbonates

- Polycarbonate Compositions 1970-May 86 (79) Excludes flame retardant compositions  
PB86-868981/CAW PTO
- Polycarbonates: Optical Properties and Applications 1973-1986 (276)  
PB87-852455/CAW RAPRA
- \*Polycarbonates: Properties, Synthesis, and Applications 1977-Mar 86 (246)  
PB86-860590/CAW NTIS

## Polychlorinated biphenyls

- \*Polychlorinated Biphenyls in the Environment Sep 80-Apr 86 (349)  
PB86-862216/CAW NTIS
- Polychlorinated Biphenyls in the Freshwater Environment 1977-Jan 86 (167)  
PB86-857000/CAW SWRA
- \*Polychlorinated Biphenyls in Foods Aug 84-Jul 85 (62)  
PB85-864395/CAW FSTA
- Polychlorinated Biphenyls: Occurrence and Treatment in Municipal and Industrial Wastes 1977-Jan 86 (104)  
PB86-857083/CAW SWRA
- Polychlorinated Biphenyls: Occurrence in Sediments and Soils 1977-Jan 86 (149)  
PB86-857075/CAW SWRA

## Polyelectrolytes

- Polyelectrolytes: Wastewater and Sewage Treatment 1977-May 86 (140)  
PB86-867694/CAW SWRA

## Polyester resins

- Epoxy and Polyester Coatings 1970-Oct 86 (158)  
PB87-850244/CAW PTO

Polyester and Epoxy Resins: Abrasion Resistance 1977-Oct 85 (256)  
PB85-869907/CAW RAPRA

- Polyethylene Terephthalate (PET) Scrap Recycling 1973-May 86 (130)  
PB86-870045/CAW RAPRA
- Thermoplastic Elastomers: Polyester Resins 1977-Nov 86 (252)  
PB87-850426/CAW RAPRA
- Thermoplastic Polyesters 1970-1986 (204) Excludes foams and laminate materials  
PB87-852174/CAW PTO
- Water Based Coatings: Alkyd (Excluding Automobile Coatings 1980-Oct 86 (138)  
PB86-876208/CAW WSC
- Water-Based Polyester Coatings 1980-Aug 86 (139)  
PB86-874872/CAW WSC

## Polyether polyols

- Polyether Polyols 1970-Aug 86 (117)  
PB86-872793/CAW PTO

## Polyethylene

Extrusion of High Density Polyethylenes Jul 84-Nov 85 (104)  
PB86-850161/CAW RAPRA

Extrusion of High Density Polyethylenes 1973-Jun 84 (348)  
PB86-850153/CAW RAPRA

- Polyethylene Adhesion Jun 70-Oct 86 (164)  
PB86-876117/CAW Ei

## Polyethylene resins

Extrusion of High Density Polyethylenes Jul 84-Nov 85 (104)  
PB86-850161/CAW RAPRA

Extrusion of High Density Polyethylenes 1973-Jun 84 (348)  
PB86-850153/CAW RAPRA

Polyethylene Terephthalate Packaging Materials 1982-Nov 85 (121)  
PB86-851094/CAW PSTA

- Ultra-High Molecular Weight Polyethylene 1973-Feb 86 (167)  
PB86-857927/CAW RAPRA
- Ultra-High Molecular Weight Polymers 1970-Jan 86 (59)  
PB86-856622/CAW Ei

## Polyhydric alcohols

- Polyester Polyols 1970-Sep 85 (117)  
PB86-875754/CAW PTO

## Polyimides

- Aromatic Polyimides 1970-Sep 86 (93)  
PB86-875366/CAW PTO
- Nitrogen Containing Heat Resistant Plastics 1976-Aug 86 (261)  
PB86-873866/CAW NTIS
- Polyimide Adhesives 1970-Mar 86 (85)  
PB86-859246/CAW PTO

## Polymer additives

Antioxidants and Stabilizers for Plastics Aug 83-Oct 85 (163)  
PB85-870665/CAW Ei

- Antioxidants and Stabilizers for Rubber Jun 70-Aug 86 (186)  
PB86-873544/CAW Ei
- Polyurethanes: Light Stability 1973-1986 (96)  
PB87-852372/CAW RAPRA
- PVC Plastics: Light Stability 1973-Nov 85 (148)  
PB86-852175/CAW RAPRA



## Polymerization

- Organosilicon Chemistry and Compounds 1972-Jul 86 (214) Excludes metal containing organic compounds  
PB86-870797/CAW RAPRA
- Photopolymerization 1970-Nov 86 (278)  
PB87-850368/CAW Ei  
Plasma Polymerization 1977-Sep 85 (107)  
PB85-868271/CAW INSPEC
- Polymer Radiation Curing: Epoxies, Phenolics, Fluorocarbons, and Silicones 1970-Jan 86 (255)  
PB86-857752/CAW NTIS
- Polymer Radiation Curing: Polyolefins and Acrylics 1970-1986 (216)  
PB87-852463/CAW NTIS
- Polymer Radiation Curing: Styrenes and Vinyls 1970-Apr 86 (173)  
PB86-864584/CAW NTIS
- Polyphosphazenes Dec 73-Nov 86 (253)  
PB87-851358/CAW RAPRA
- Silicone Elastomers 1970-Jan 86 (157)  
PB86-855186/CAW PTO
- \*Silicone Resins: Chemistry 1977-Sep 86 (141)  
PB86-875721/CAW NTIS
- Silicone Rubber Composition 1970-Aug 86 (130)  
PB86-872785/CAW PTO
- Urethane Copolymers 1977-1985 (158)  
PB86-855806/CAW RAPRA

## Polymers

- \*Acrylic Adhesives Sep 83-Oct 85 (207)  
PB85-870863/CAW RAPRA
- Acrylic Glass 1970-Jun 86 (192)  
PB86-869666/CAW Ei
- \*Acrylic Resins: Acrylates, Acrylamides, and General Studies Aug 85-Jul 86 (210) Excludes acrylonitrile and methacrylate polymers  
PB86-870847/CAW Ei
- Acrylic Resins: Methacrylate Polymers 1970-Mar 86 (300) Covers fabrication, polymerization, and properties  
PB86-864188/CAW NTIS
- \*Adhesives: Properties, Preparation, and Applications Apr 82-May 86 (239)  
PB86-865821/CAW NTIS
- Adipate Compounds 1973-Jan 86 (136)  
PB86-857117/CAW RAPRA
- Amorphous Polymeric Films 1973-Nov 85 (216)  
PB86-852258/CAW RAPRA
- Anaerobic Adhesives and Sealants 1970-Nov 86 (93)  
PB87-850590/CAW PTO  
Anion Exchange Resins: Structure, Formulation, and Applications 1977-Jul 85 (101)  
PB85-865384/CAW RAPRA  
Antioxidants and Stabilizers for Plastics Aug 83-Oct 85 (163)  
PB85-870665/CAW Ei
- \*Aramid Fibers: Reinforcement for Plastics and Elastomers 1985-1986 (310)  
PB87-852539/CAW RAPRA
- Aromatic Polyimides 1970-Sep 86 (93)  
PB86-875366/CAW PTO
- Barrier Properties in Food Packaging 1973-Apr 86 (155)  
PB86-868213/CAW RAPRA
- Barrier Properties of Packaging Materials 1982-Apr 86 (114)  
PB86-864147/CAW PSTA
- \*Biocompatibility of Polymeric Implantation Devices Jun 83-1986 (180) Polymeric prosthetic devices are included in another bibliography  
PB87-853354/CAW RAPRA
- Biocompatibility of Polyurethanes 1977-Mar 86 (98)  
PB86-862497/CAW RAPRA
- Biopolymers 1978-Apr 86 (76)  
PB86-863305/CAW LSC
- Biopolymers 1970-Apr 86 (63)  
PB86-862083/CAW PTO
- Blow Molding Methods and Machines 1970-Jan 86 (368)  
PB86-857612/CAW PTO
- Blowing and Foaming Agents for Polymeric Foams Feb 83-1986 (330)  
PB87-852711/CAW RAPRA
- Blown Films 1970-May 86 (57)  
PB86-868502/CAW PTO  
Boats: Polymers and Polymer Processing 1973-Oct 85 (250)  
PB85-870715/CAW RAPRA
- Boron, Metal, and Aramid Fiber Reinforced Plastics 1973-Nov 86 (194)  
PB87-850541/CAW RAPRA
- \*Butadiene-Styrene Copolymers: Properties and Applications Aug 84-Oct 86 (370)  
PB86-877255/CAW RAPRA
- Carbon Black in Elastomers 1970-1985 (248)  
PB86-857273/CAW Ei
- Carbon Black Filled Rubbers 1973-Jan 86 (129)  
PB86-856242/CAW RAPRA
- Carbon Fiber Reinforced Plastics (Nongraphite): Aerospace Applications 1973-May 86 (249)  
PB86-868759/CAW RAPRA
- Carbon Fiber Reinforced Plastics (Nongraphite): Non-Aerospace Applications 1973-May 86 (183)  
PB86-868445/CAW RAPRA
- Carbon Fiber Reinforced Plastics (Nongraphite): Properties and Tests 1973-May 86 (252)  
Excludes applications  
PB86-868742/CAW RAPRA  
Cathodic Electrocoating 1980-Apr 85 (267)  
PB85-858462/CAW WSC  
Cellular Plastic Materials 1970-May 85 (112)  
PB85-860724/CAW PTO
- Coextrusion of Plastics 1970-Nov 85 (142)  
PB86-852357/CAW PTO
- \*Combustion of Plastics and Elastomers Nov 80-Nov 85 (235)  
PB86-852035/CAW NTIS
- Computer Aided Plastic and Rubber Manufacturing 1973-Jun 86 (293)  
PB86-869807/CAW RAPRA
- \*Concrete Polymer Composites Dec 82-Mar 86 (134)  
PB86-863503/CAW Ei
- Concrete Polymer Composites 1970-Mar 86 (322) Excludes radioactive fillers  
PB86-864204/CAW NTIS
- Concrete Polymer Composites 1977-Oct 86 (272)  
PB87-852117/CAW RAPRA
- Corrosion and Weather Resistant Polyurethane Coatings 1980-Nov 86 (202)  
PB87-850046/CAW WSC  
Credit Cards 1970-Aug 85 (276)  
PB85-866150/CAW PTO
- Crosslinked Polymers 1970-Jul 86 (211)  
PB86-871001/CAW PTO
- Elastomers: Adhesives, Coatings, and Insulating Materials 1970-Aug 86 (136)  
PB86-872827/CAW PTO
- \*Electrically Conductive Plastics Aug 83-Apr 86 (118)  
PB86-867157/CAW EDB
- \*Electrically Conductive Plastics Sep 83-Feb 86 (190)  
PB86-858917/CAW Ei
- Electrically Conductive Polymers 1970-Mar 86 (131)  
PB86-862513/CAW PTO
- Electroless Plating of Polymeric Substrates 1970-Jul 86 (95)  
PB86-870987/CAW PTO
- Electromagnetic Shielding Plastics 1975-Oct 86 (204)  
PB86-875887/CAW INSPEC

- Electromagnetic Shielding Plastics 1978-Nov 86 (321)  
PB87-851788/CAW RAPRA
- Electron Beam Curing of Polymers 1977-1986 (269)  
PB87-851978/CAW RAPRA
- \*Engineering Plastics: Properties, Processing, and Applications Jan 85-Dec 85 (197)  
PB86-852951/CAW RAPRA  
Epoxy Coatings (Excluding Erosion) Jun 70-Oct 85 (338)  
PB85-869766/CAW Ei
- Epoxy Coatings: Erosion 1970-Apr 86 (147)  
PB86-867090/CAW Ei
- Epoxy Encapsulants for Electronics 1970-Oct 86 (78)  
PB86-877180/CAW PTO  
Extrusion of High Density Polyethylenes Jul 84-Nov 85 (104)  
PB86-850161/CAW RAPRA  
Extrusion of High Density Polyethylenes 1973-Jun 84 (348)  
PB86-850153/CAW RAPRA
- Fabric Reinforced Composites 1975-Jun 86 (296)  
PB86-870623/CAW WTA
- Fiber Reinforced Composites (Excluding Epoxies and Polyesters) 1970-Oct 86 (236)  
PB86-876984/CAW Ei
- Fiber Reinforced Composites: Physical Properties 1970-Nov 86 (198) Excludes fiber reinforced plastics, fiber reinforced laminates, and glass fiber reinforcements  
PB87-851309/CAW NTIS
- Fiber Reinforced Composites: Technology and Evaluation 1970-Nov 86 (321) Excludes fiber reinforced plastics, fiber reinforced laminates, and glass fiber reinforcements  
PB87-851119/CAW NTIS
- \*Fiber Reinforced Epoxy Composites Dec 85-Nov 86 (88)  
PB87-851291/CAW Ei  
Fiber Reinforced Polyester Composites 1972-Oct 84 (106)  
PB85-851038/CAW Ei
- Fiberglass Blistering 1973-Jan 86 (52)  
PB86-855889/CAW RAPRA
- Fiberglass Reinforced Plastics 1977-Nov 85 (263)  
PB86-851805/CAW NTIS
- Fibers and Textiles: Fire Resistance Dec 79-1986 (242) Includes fiber preparation and additives, standards, textile burning studies, and consumer aspects  
PB87-852208/CAW Ei
- \*Fillers for Plastics Feb 85-Jan 86 (48)  
PB86-857190/CAW Ei
- Flame Retardant Plastics and Elastomers (Excluding Foams) Oct 83-Sep 86 (318) Excludes flame retardant plastic foams  
PB86-875457/CAW RAPRA
- Flame Retardant Polymers 1970-Nov 86 (380)  
PB87-851689/CAW PTO  
Flame Retardant Textiles 1970-Apr 85 (136)  
PB85-857316/CAW PTO
- \*Foamed Plastics: Styrene, Silicone, Epoxy, and Other Polymeric Foams 1979-May 86 (204) Excludes urethane and isocyanate polymeric foams  
PB86-868486/CAW NTIS
- \*Gas Permeability of Polymers 1985-1986 (177) Water vapor and water permeability of polymers are included in other bibliographies  
PB87-853081/CAW RAPRA  
Glass Fiber Reinforced Plastics: Building and Agricultural Applications 1975-Oct 85 (133) This report has been updated and split into 2 separate titles - one for building applications, the other for agricultural applications  
PB85-870681/CAW RAPRA



- Glass Fiber Reinforced Plastics: Chemically Resistant Applications 1977-Oct 85 (109)  
PB85-870475/CAW RAPRA
- Glass Fiber Reinforced Plastics: Fracture Mechanics 1975-Jul 86 (293)  
PB86-871282/CAW INSPEC
- Graphite Fiber Reinforced Epoxy 1973-Oct 86 (373)  
PB86-877305/CAW RAPRA
- Guayule Rubber: Cultivation and Manufacture 1977-May 85 (206)  
PB85-861185/CAW RAPRA
- Heat Resistant Plastics Excluding Nitrogen Compounds Sep 80-Sep 86 (180)  
PB86-875762/CAW NTIS
- Heat Resistant Polymers 1970-Nov 86 (79)  
PB87-850616/CAW PTO
- Heat Treatment of Thermoplastics and Thermosets 1973-Jul 86 (271)  
PB86-870748/CAW RAPRA
- High Strength Polymer Composites 1970-May 86 (158)  
PB86-869526/CAW PTO
- Hot Melt Adhesives Jun 70-1985 (261)  
PB86-855871/CAW Ei
- Hot Melt Adhesives (Excluding Applications) 1973-Jul 86 (369)  
PB86-870730/CAW RAPRA
- Hot Melt Adhesives: Applications 1973-Feb 86 (241)  
PB86-858347/CAW RAPRA
- Hot Stamping of Plastics 1973-Apr 86 (130)  
PB86-868205/CAW RAPRA
- Hot-Melt Adhesives 1970-Feb 86 (146)  
PB86-857950/CAW PTO
- \*Hydrophobic Polymers Mar 83-May 86 (214)  
PB86-869450/CAW RAPRA
- Impact Modifiers for Polymers 1970-Nov 86 (137)  
PB87-850624/CAW PTO
- Inflatable Structures and Equipment 1977-Nov 85 (212)  
PB86-850229/CAW RAPRA
- \*Injection Molding Machinery and Accessories Dec 85-Nov 86 (298)  
PB87-851507/CAW RAPRA
- Inorganic Polymers 1976-Oct 86 (148)  
PB86-875929/CAW EDB
- Inorganic Polymers 1970-Nov 86 (290)  
PB87-850632/CAW Ei
- Inorganic Polymers 1970-Apr 86 (159)  
PB86-866944/CAW NTIS
- Interpenetrating Polymer Networks 1970-1986 (124)  
PB87-852414/CAW Ei
- Interpenetrating Polymer Networks 1980-Oct 86 (96)  
PB86-875150/CAW WSC
- Liquid Crystal Polymers 1975-May 86 (150)  
PB86-868510/CAW INSPEC
- Liquid Crystal Polymers 1973-Oct 86 (148)  
PB87-850319/CAW RAPRA
- Machinery for Rubber Processing 1970-Feb 86 (331)  
PB86-860103/CAW Ei
- Membrane Gas Separation 1976-Nov 86 (312)  
PB87-850657/CAW EDB
- Membrane Gas Separation 1970-Nov 86 (219)  
PB87-851044/CAW Ei
- \*Metallization of Plastics 1984-Nov 86 (97)  
Excludes immersion plating and ion plating technology  
PB87-850764/CAW METADEX
- Metallized Polymer Films 1973-Jan 86 (115)  
PB86-855624/CAW RAPRA
- Metallizing Thermoplastics and Thermosets 1973-1985 (347)  
PB86-853181/CAW RAPRA
- \*Mineral Fillers in Plastics and Elastomers Jun 83-May 86 (272)  
PB86-868577/CAW RAPRA
- Mold Release Agents 1970-Sep 85 (112)  
PB85-867497/CAW PTO
- \*Mold Release Agents for Rubbers and Plastics 1985-1986 (95)  
PB87-852125/CAW RAPRA
- \*Molding Thermosetting and Thermoplastic Structural Foam Dec 84-1985 (54)  
PB86-854510/CAW RAPRA
- Multilayer Plastic Films 1970-Aug 86 (121)  
PB86-873379/CAW PTO
- \*Natural and Synthetic Rubbers: Abrasion Resistance Aug 83-Oct 85 (199)  
PB85-871119/CAW RAPRA
- Natural Adhesives Jun 70-May 86 (99)  
PB86-868494/CAW Ei
- Nitrogen Containing Heat Resistant Plastics 1976-Aug 86 (261)  
PB86-873866/CAW NTIS
- Organosilicon Chemistry and Compounds 1972-Jul 86 (214) Excludes metal containing organic compounds  
PB86-870797/CAW RAPRA
- Oriented Films in Packaging 1982-Jun 86 (55)  
Emphasizes food packaging applications  
PB86-871159/CAW PSTA
- Oriented Polypropylene Films in Packaging 1973-Jun 86 (145) Emphasizes food packaging applications  
PB86-871274/CAW RAPRA
- Pharmaceutical Packaging: Plastics and Elastomers 1973-Nov 86 (363)  
PB87-850947/CAW RAPRA
- Photochromic Polymers 1973-Sep 86 (77)  
PB86-875853/CAW RAPRA
- Photoconductive Plastics 1975-Jan 86 (254)  
PB86-856127/CAW INSPEC
- Photopolymer Materials and Devices 1970-Aug 86 (186)  
PB86-873601/CAW PTO
- Photopolymerization 1970-Nov 86 (278)  
PB87-850368/CAW Ei
- Piezoelectric and Pyroelectric Polymers (Excluding Vinylidene Fluoride Polymers 1975-Oct 86 (237)  
PB86-875945/CAW INSPEC
- Piezoelectric Polymers 1972-Nov 86 (179)  
PB87-850467/CAW Ei
- Piezoelectric Polymers 1976-Nov 86 (127)  
PB87-850194/CAW NTIS
- \*Plastic and Rubber Materials used in Athletic Equipment 1983-May 86 (237)  
PB86-870003/CAW RAPRA
- \*Plastic Bottles Used in the Food Industry Dec 85-Nov 86 (47)  
PB87-850996/CAW FSTA
- Plastic Coatings 1970-Feb 86 (123)  
PB86-857547/CAW PTO
- Plastic Electrostatic Coatings 1973-May 86 (185)  
PB86-870300/CAW RAPRA
- Plastic Films in Packaging 1982-1986 (169)  
PB87-852380/CAW PSTA
- Plastic Fuel Tanks in Automobiles and Aircraft 1973-1986 (247)  
PB87-852570/CAW RAPRA
- Plastic Lenses: Fabrication and Applications 1970-Mar 86 (100)  
PB86-859386/CAW PTO
- Plastic Lenses: Fabrication and Applications 1977-1986 (303)  
PB87-853073/CAW RAPRA
- \*Plastic-Based Flooring Materials Jun 83-Nov 85 (151)  
PB85-872398/CAW RAPRA
- Plastics and Elastomers as Moisture Barriers 1973-Nov 86 (225)  
PB87-850491/CAW RAPRA
- \*Plastics and Elastomers: Electrical Conductivity Jan 86-Dec 86 (149) Excludes electromagnetic shielding applications of conductive plastics  
PB87-852653/CAW RAPRA
- Plastics and Elastomers: Electron Beam Irradiation Effects 1977-Oct 86 (286)  
PB86-876166/CAW RAPRA
- Plastics and Elastomers: Magnetic Properties 1973-1985 (148)  
PB86-853819/CAW RAPRA
- Plastics and Elastomers: Mechanical Degradation 1973-Feb 86 (186)  
PB86-860954/CAW RAPRA
- Plastics and Elastomers: Military Applications 1977-1986 (300)  
PB87-853099/CAW RAPRA
- Plastics and Elastomers: Mining Applications 1973-Nov 85 (267)  
PB85-872356/CAW RAPRA
- \*Plastics and Elastomers: Nondestructive Testing Jul 83-Nov 85 (177)  
PB86-850211/CAW RAPRA
- Plastics and Elastomers: Offshore Applications 1973-Nov 85 (320)  
PB85-872406/CAW RAPRA
- Plastics and Elastomers: Ozone Degradation 1973-1986 (187)  
PB87-852604/CAW RAPRA
- Plastics and Elastomers: Plating Methods 1973-Nov 85 (262)  
PB86-850187/CAW RAPRA
- Plastics and Elastomers: Radiation Crosslinking 1973-Mar 86 (342)  
PB86-862539/CAW RAPRA
- Plastics and Elastomers: Space Applications 1977-1985 (234)  
PB86-855046/CAW RAPRA
- Plastics and Rubbers: Horticultural Applications 1978-1985 (237)  
PB86-856101/CAW RAPRA
- Plastics for Automotive Bumpers and Headlights 1979-Oct 85 (330)  
PB86-876877/CAW RAPRA
- Plastics for Automotive Bumpers and Headlamps Nov 85-Oct 86 (116)  
PB86-876885/CAW RAPRA
- \*Plastics Decomposition Oct 83-Sep 85 (110)  
PB85-867919/CAW Ei
- Plastics Used as Building or Construction Materials 1975-Apr 86 (268)  
PB86-863008/CAW Ei
- Plastisols 1970-Oct 85 (125)  
PB85-871309/CAW Ei
- Plastisols 1970-1984 (139)  
PB85-851392/CAW PTO
- Plastisols 1980-Nov 85 (114)  
PB85-871648/CAW WSC
- Plastisols: Formulations and Applications 1973-Apr 86 (336)  
PB86-864451/CAW RAPRA
- \*Plating on Plastics and Elastomers Nov 83-1985 (309)  
PB86-857133/CAW Ei
- Polycarbonate Compositions 1970-May 86 (79)  
Excludes flame retardant compositions  
PB86-868981/CAW PTO
- Polycarbonates: Optical Properties and Applications 1973-1986 (276)  
PB87-852455/CAW RAPRA
- Polyelectrolytes: Wastewater and Sewage Treatment 1977-May 86 (140)  
PB86-867694/CAW SWRA
- Polyester and Epoxy Resins: Abrasion Resistance 1977-Oct 85 (256)  
PB85-869907/CAW RAPRA
- Polyether Polyols 1970-Aug 86 (117)  
PB86-872793/CAW PTO
- Polyether-Etherketon Materials 1973-Apr 86 (120)  
PB86-863982/CAW RAPRA



- Polyethylene Terephthalate Packaging Materials 1982-Nov 85 (121)  
PB86-851094/CAW PSTA
- Polyethylenes: Light stability 1973-1985 (131)  
PB86-853355/CAW RAPRA
  - Polyimide Adhesives 1970-Mar 86 (85)  
PB86-859246/CAW PTO
  - \*Polymer Morphology Jul 84-Apr 86 (90)  
PB86-867199/CAW Ei
  - Polymer Powder Coating Compositions 1970-May 86 (170)  
PB86-867983/CAW PTO
  - Polymer Radiation Curing: Epoxies, Phenolics, Fluorocarbons, and Silicones 1970-Jan 86 (255)  
PB86-857752/CAW NTIS
  - Polymeric Filters and Their Applications 1973-Aug 85 (127)  
PB85-866903/CAW RAPRA
  - Polymeric Foam Mattresses 1977-Aug 86 (206)  
PB86-872835/CAW RAPRA
  - \*Polymeric Gels and Hydrogels Dec 85-Nov 86 (67)  
PB87-851242/CAW Ei
  - Polymeric Materials Combustion: Toxicity Hazards and Legal Aspects 1976-Oct 86 (177)  
PB86-875952/CAW RAPRA
  - Polymeric Materials: Decomposition and Corrosion Jun 74-Aug 86 (299)  
PB86-873593/CAW IAA
  - Polymeric Prosthetic Devices and Materials 1970-Jan 86 (189)  
PB86-857166/CAW PTO
  - Polymeric Reagents 1973-Aug 86 (97)  
PB86-874989/CAW RAPRA
  - \*Polymeric Roofing Materials Jul 84-Nov 86 (209)  
PB87-851317/CAW RAPRA
  - \*Polymeric Sealants Jan 85-Dec 85 (74)  
PB86-855855/CAW RAPRA
  - Polymers and Copolymers: Glass Transition Temperature 1971-Mar 86 (267)  
PB86-862695/CAW Ei
  - Polymers in Vibration Damping and Soundproofing 1970-Feb 86 (100)  
PB86-858966/CAW PTO
  - Polyphosphazenes Dec 73-Nov 86 (253)  
PB87-851358/CAW RAPRA
  - Polyurethane Adhesives 1980-Jan 86 (133)  
PB86-855954/CAW WSC
  - Polyurethanes: Curing 1980-Nov 86 (220)  
PB87-850087/CAW WSC
  - Polyurethanes: Light Stability 1973-1986 (96)  
PB87-852372/CAW RAPRA
  - \*Polyvinylidene Fluoride Nov 83-Oct 85 (99)  
PB85-870194/CAW Ei
  - Polyvinylidene Fluoride 1970-Nov 85 (193)  
PB85-871622/CAW NTIS
  - Polyvinylidene Fluoride: Structure and Degradation 1976-Oct 85 (241)  
PB85-869618/CAW RAPRA
  - Prepregs 1970-Feb 86 (110)  
PB86-858743/CAW PTO
  - Prepregs: Applications 1973-1986 (195)  
PB87-852596/CAW RAPRA
  - Prepregs: Composition and Processing 1973-1986 (319)  
PB87-852588/CAW RAPRA
  - Pressure Sensitive Adhesive Materials 1970-Apr 86 (185)  
PB86-862877/CAW PTO
  - Pressure Sensitive Adhesives Jun 70-Oct 86 (143)  
PB86-876950/CAW Ei
  - Prosthetic Devices: Polymeric Materials Utilization 1970-Nov 86 (231)  
PB87-851440/CAW Ei
  - Pultrusion of Reinforced Plastics 1973-Oct 86 (302)  
PB86-876653/CAW RAPRA
  - PVC Plastics: Light Stability 1973-Nov 85 (148)  
PB86-852175/CAW RAPRA
  - \*Radiation Curing of Polymers Dec 83-Nov 86 (324)  
PB87-851457/CAW Ei
  - Reaction Injection Molding of Elastomers Jun 70-Oct 86 (293)  
PB86-876992/CAW Ei
  - \*Reaction Injection Molding: Polyamide and Polyurethane Resins 1973-Mar 86 (277)  
PB86-863420/CAW RAPRA
  - Reaction Injection Molding: Polyamide and Polyurethane Resins (Applications) 1973-Mar 86 (260)  
PB86-862224/CAW RAPRA
  - Reinforced Natural Rubber and Elastomer Products 1978-Nov 85 (239)  
PB85-872323/CAW RAPRA
  - Reinforced Plastics: Electrical Applications 1973-Feb 86 (274)  
PB86-859964/CAW RAPRA
  - Reverse Osmosis Resins 1975-Mar 86 (186)  
PB86-859030/CAW RAPRA
  - Rubber and Plastics Manufacture: Use of Wax Additives 1973-Nov 85 (240)  
PB85-872372/CAW RAPRA
  - Rubber Based Adhesives 1980-Feb 86 (199)  
PB86-859709/CAW WSC
  - Seals and Sealants: Physical Stability 1973-Oct 85 (269)  
PB85-870616/CAW RAPRA
  - Sheet Molding Compounds 1970-Apr 86 (97)  
PB86-866373/CAW PTO
  - Sheet Molding Compounds: Automotive Applications 1973-Jul 86 (212)  
PB86-873163/CAW RAPRA
  - Silicone Elastomers 1970-Jan 86 (157)  
PB86-855186/CAW PTO
  - Silicone Elastomers 1973-Jan 86 (77) Excludes implants and prosthetic devices  
PB86-855673/CAW RAPRA
  - \*Silicone Resins: Chemistry 1977-Sep 86 (141)  
PB86-875721/CAW NTIS
  - Silicone Rubber Composition 1970-Aug 86 (130)  
PB86-872785/CAW PTO
  - Solid Polymer Electrolytes 1976-Jul 86 (83)  
PB86-871753/CAW EDB
  - Solid Polymer Electrolytes 1970-Jun 86 (59)  
PB86-870284/CAW PTO
  - Solvent Free Polymeric Coatings 1973-Nov 86 (210) Includes protective, adhesive, and insulative coatings and sealants  
PB87-852638/CAW RAPRA
  - Solventless Polymers 1970-May 86 (167)  
PB86-868569/CAW PTO
  - Stretchwrap and Shrinkwrap Films 1973-Apr 86 (196)  
PB86-864469/CAW RAPRA
  - Thermoforming 1970-Nov 84 (184)  
PB85-851343/CAW PTO
  - Thermoplastic Elastomers: Acrylic and Nylon Based 1977-Sep 85 (168)  
PB85-868008/CAW RAPRA
  - Thermoplastic Elastomers: Olefin Resins 1977-May 86 (125)  
PB86-869443/CAW RAPRA
  - Thermoplastic Elastomers: Polyester Resins 1977-Nov 86 (252)  
PB87-850426/CAW RAPRA
  - Thermoplastic Elastomers: Polyurethane Resins 1977-1985 (222)  
PB86-855863/CAW RAPRA
  - Thermoplastic Elastomers: Styrene Resins 1977-Nov 85 (303)  
PB85-871945/CAW RAPRA
  - Thermoplastic Interpenetrating Polymer Networks 1973-Jan 86 (54)  
PB86-856721/CAW RAPRA
  - Thermoplastic Packaging 1982-Mar 86 (170)  
PB86-863206/CAW PSTA
  - Thermoplastic Polyesters 1970-1986 (204) Excludes foams and laminate materials  
PB87-852174/CAW PTO
  - Thermoplastics and Elastomers: Melt Flow Indices 1973-Mar 85 (239)  
PB85-857530/CAW RAPRA
  - Toxicity: Polymeric Materials in Medical Applications 1973-Mar 86 (241)  
PB86-862489/CAW RAPRA
  - Toxicity: Polymeric Materials in Food-Contact Applications 1977-Oct 86 (237)  
PB86-875960/CAW RAPRA
  - Toy Manufacturing: Plastic and Rubber Materials 1973-Feb 86 (240)  
PB86-860947/CAW RAPRA
  - Ultra-High Molecular Weight Polyethylene 1973-Feb 86 (167)  
PB86-857927/CAW RAPRA
  - Ultra-High Molecular Weight Polymers 1970-Jan 86 (59)  
PB86-856622/CAW Ei
  - Ultrasonic Welding of Plastics 1973-Nov 85 (195)  
PB85-872281/CAW RAPRA
  - Urea Formaldehyde in Building Materials 1973-Nov 86 (320)  
PB87-851952/CAW RAPRA
  - Urea/Phenol/Melamine Formaldehyde Polymeric Resins 1970-Apr 86 (151)  
PB86-864477/CAW NTIS
  - Urea/Phenol/Melamine Formaldehyde Polymeric Resins 1970-Nov 85 (265)  
PB86-851235/CAW Ei
  - Urethane Coatings Jun 70-Nov 86 (320)  
PB87-851200/CAW Ei
  - Urethane Copolymers 1977-1985 (158)  
PB86-855806/CAW RAPRA
  - Vacuum Forming of Plastics 1973-Jun 85 (203)  
PB85-863488/CAW RAPRA
  - Vinyl Chloride and Polyvinyl Chloride: Toxicology 1978-1985 (231)  
PB86-856119/CAW LSC
  - \*Vinylidene Fluoride Polymers and Copolymers: Electrical Properties and Applications Apr 85-Feb 86 (60) Emphasis on piezoelectric and pyroelectric properties  
PB86-859832/CAW INSPEC
  - Water Permeability of Coatings 1980-Feb 86 (105)  
PB86-859758/CAW WSC
  - Water Permeability of Polymers 1973-Sep 86 (141)  
PB86-875127/CAW RAPRA
  - Water Soluble Polymers 1980-Oct 86 (140)  
PB86-875135/CAW WSC
  - Water Vapor Permeability of Polymers (Excluding Gas Permeability) 1973-Nov 86 (305)  
PB87-851465/CAW RAPRA
  - X Ray Diffraction Studies: Polymers 1970-Jul 86 (135)  
PB86-873098/CAW NTIS
- ### Polymethyl methacrylates
- Acrylic Resins: Methacrylate Polymers 1970-Mar 86 (300) Covers fabrication, polymerization, and properties  
PB86-864188/CAW NTIS
- ### Polyphosphazenes
- Polyphosphazenes Dec 73-Nov 86 (253)  
PB87-851358/CAW RAPRA
- ### Polypropylene
- Extrusion of Polypropylenes 1973-Jul 85 (190)  
PB85-865368/CAW RAPRA
  - \*Injection Molding of Polypropylenes Jul 82-Jun 85 (178)  
PB85-861508/CAW RAPRA



- Oriented Polypropylene Films in Packaging 1973-Jun 86 (145) Emphasizes food packaging applications  
PB86-871274/CAW RAPRA

## Polyurethane foams

- \*Foamed Plastics: Polyurethane Foams 1979-Mar 86 (205)  
PB86-862182/CAW NTIS
- \*Polyurethane/Polyisocyanurate Foam Thermal Insulation Nov 83-Oct 85 (136)  
PB85-869329/CAW RAPRA

## Polyurethane resins

- Biocompatibility of Polyurethanes 1977-Mar 86 (98)  
PB86-862497/CAW RAPRA
- Corrosion and Weather Resistant Polyurethane Coatings 1980-Nov 86 (202)  
PB87-850046/CAW WSC
- Polyester Polyols 1970-Sep 85 (117)  
PB86-875754/CAW PTO
- Polyurethane Adhesives 1980-Jan 86 (133)  
PB86-855954/CAW WSC
- Polyurethane Resins: Abrasion Resistance 1973-Oct 86 (289)  
PB86-876174/CAW RAPRA
- \*Polyurethane Resins: Synthesis and Properties 1979-1986 (305) Excludes polyurethane foams  
PB87-852703/CAW NTIS
- Polyurethanes: Curing 1980-Nov 86 (220)  
PB87-850087/CAW WSC
- Polyurethanes: Light Stability 1973-1986 (96)  
PB87-852372/CAW RAPRA
- \*Reaction Injection Molding: Polyamide and Polyurethane Resins 1973-Mar 86 (277)  
PB86-863420/CAW RAPRA
- Reaction Injection Molding: Polyamide and Polyurethane Resins (Applications) 1973-Mar 86 (260)  
PB86-862224/CAW RAPRA
- Thermoplastic Elastomers: Polyurethane Resins 1977-1985 (222)  
PB86-855863/CAW RAPRA

## Polyurethanes

- Automobile Coatings: Polyurethanes 1980-Mar 86 (63)  
PB86-861655/CAW WSC

## Polyvinyl chloride

- \*Plastics and Elastomers: Impact Strength Additives Jul 84-Aug 86 (110)  
PB86-872439/CAW RAPRA
- Plastisols 1970-Oct 85 (125)  
PB85-871309/CAW Ei
- PVC Plastics: Light Stability 1973-Nov 85 (148)  
PB86-852175/CAW RAPRA
- Vinyl Chloride and Polyvinyl Chloride: Toxicology 1978-1985 (231)  
PB86-856119/CAW LSC

## Ponds

Nutrient Removal from Lakes, Ponds, and Rivers 1977-Jun 85 (92)  
PB85-863231/CAW SWRA

## Portable computers

- Epson HX-20 Lap Computers 1983-Jan 86 (78)  
PB86-856580/CAW INSPEC
- Hewlett Packard Personal and Portable Computers 1979-Jan 86 (59)  
PB86-857042/CAW INSPEC
- \*Portable Microcomputers Feb 85-Mar 86 (178)  
PB86-861523/CAW INSPEC
- Sharp Family of Microcomputers 1975-May 86 (109)  
PB86-866274/CAW INSPEC

## Postal service

Electronic Mail Jun 70-1984 (90)  
PB85-852648/CAW NTIS

- \*Electronic Mail: General 1984-Feb 86 (350) Excludes office automation, standards, and protocols  
PB86-859451/CAW INSPEC

## Potatoes

Potato Chip Industry 1972-Jul 85 (315)  
PB85-865277/CAW FSTA

## Poultry

- Cutting Equipment for Meat, Poultry, and Fish 1972-Jul 86 (138)  
PB86-873429/CAW FSTA
- Effect of Diet on Egg Shells 1972-Feb 86 (173)  
PB86-859253/CAW FSTA

## Powder metallurgy

- Closed Die Forging: Processes and Applications 1966-May 85 (219)  
PB85-859254/CAW METADEX
- Explosive Compacting of Metal Powders 1966-Jul 86 (210)  
PB86-870532/CAW METADEX
- \*Powder Metallurgical Techniques: Liquid Phase Sintering Jan 85-Dec 85 (64)  
PB86-853942/CAW METADEX
- \*Powder Metallurgy of Aluminum and Aluminum Alloys Feb 84-May 86 (173)  
PB86-867421/CAW Ei
- \*Powder Metallurgy of Aluminum and Aluminum Alloys Mar 82-Mar 86 (88)  
PB86-860483/CAW NTIS
- \*Powder Metallurgy of Titanium and Titanium Alloys Mar 81-Apr 86 (229)  
PB86-862208/CAW Ei
- \*Tungsten and Tungsten Alloy Powder Metallurgy 1980-Feb 86 (295)  
PB86-858495/CAW Ei
- Tungsten and Tungsten Alloy Powder Metallurgy 1970-Nov 85 (225)  
PB86-851375/CAW NTIS
- Vibratory Compaction of Power Metal and Refractory Materials 1966-Oct 85 (220)  
PB85-871200/CAW METADEX

## Power supplies

- Computer Systems Protection: Uninterruptible Power Supplies 1983-Jun 86 (190) Surge suppressors are covered in another bibliography  
PB86-871795/CAW COM
- Lightning Arresters for Domestic and Commercial Electrical Power Supplies 1976-Aug 86 (233)  
PB86-873650/CAW EDB
- Lightning Arresters For Domestic and Commercial Electrical Power Supplies 1970-1985 (297)  
PB86-852829/CAW Ei
- Switched Mode Power Supplies 1970-1986 (79)  
PB87-853206/CAW Ei
- Switched Mode Power Supplies 1975-1986 (247)  
PB87-852794/CAW INSPEC
- Uninterrupted Power Supply Systems 1975-Jun 86 (266)  
PB86-871480/CAW INSPEC

## Prawn

Prawn: Processing and Packaging 1972-Oct 85 (183)  
PB85-872752/CAW FSTA

## Precious metals

- Electrodeposition of Precious Metals 1966-Aug 86 (350)  
PB86-873247/CAW METADEX

Gold-Silver Alloys: Electrical, Optical, and Surface Properties 1966-Jun 85 (127)  
PB85-863405/CAW METADEX

## Precipitation washout

- \*Acid Precipitation Sep 84-Aug 86 (317)  
PB86-873437/CAW Ei
- Acid Precipitation Jun 74-Apr 85 (166)  
PB85-860419/CAW IAA
- \*Acid Precipitation Aug 85-Jul 86 (181)  
PB86-871266/CAW POLLUTION
- \*Acid Precipitation Nov 83-Aug 85 (184)  
PB85-866432/CAW SWRA
- \*Acid Precipitation: Effects on Aquatic Ecosystems Oct 84-Sep 86 (283)  
PB86-874476/CAW EDB
- Acid Precipitation: Effects on Terrestrial Ecosystems Oct 83-Sep 84 (212)  
PB85-869998/CAW EDB
- \*Acid Precipitation: Effects on Terrestrial Ecosystems Oct 84-Sep 85 (309)  
PB85-870004/CAW EDB
- \*Acid Precipitation: Legal, Political, and Health Aspects Apr 85-Mar 86 (154)  
PB86-860475/CAW EDB

## Precooked foods

- Precooked Foods 1972-Apr 86 (217)  
PB86-865086/CAW FSTA
- Ready-to-Eat Foods 1972-Apr 86 (170)  
PB86-864360/CAW FSTA

## Prefabricated buildings

- Prefabricated Buildings Jun 70-Apr 85 (237) Includes building systems  
PB85-859775/CAW Ei
- Prefabricated Homes Jun 70-Feb 86 (185)  
PB86-861200/CAW NTIS

## Prepaid group practice

- Health Maintenance Organizations Jul 78-Mar 86 (245)  
PB86-861978/CAW NTIS
- \*Health Maintenance Organizations and Health Care Costs Feb 85-Jan 86 (66)  
PB86-857026/CAW MC

## Prepregs

- Prepregs 1970-Feb 86 (110)  
PB86-858743/CAW PTO
- Prepregs: Applications 1973-1986 (195)  
PB87-852596/CAW RAPRA
- Prepregs: Composition and Processing 1973-1986 (319)  
PB87-852588/CAW RAPRA

## Preserving

- Food and Grain Preservation Through Irradiation 1970-Jul 86 (290)  
PB86-872256/CAW NTIS
- Wood Preservatives 1980-Nov 85 (342)  
PB86-852886/CAW WSC

## Presses

\*Press Tools: Design, Automation, and Safety Dec 83-Jun 85 (59)  
PB85-862068/CAW ISMEC

## Preventive medicine

- Genetic Counseling 1978-Aug 86 (188)  
PB86-874856/CAW LSC
- Preventive Medicine: Cancer 1970-Jul 85 (112)  
PB85-864015/CAW NTIS
- Preventive Medicine: Cardiovascular Diseases 1970-Jul 85 (72)  
PB85-863975/CAW NTIS
- Preventive Medicine: Hazardous Materials Exposure and Public Health 1976-Oct 85 (325)  
PB85-869378/CAW EDB



## Prices

Petroleum and Natural Gas: Factors Affecting Market Value 1976-Oct 85 (204)  
PB85-871259/CAW EDB

- \*Pricing Methods Mar 82-Apr 86 (217)  
PB86-866027/CAW NTIS
- \*Public Utility Rate Structures Jul 83-Jun 86 (214)  
PB86-869062/CAW EDB

## Printed circuits

- Adhesives for Printed and Integrated Circuits 1975-Oct 86 (68)  
PB86-876182/CAW INSPEC
- Flexible Circuits 1970-Oct 86 (208)  
PB86-877172/CAW PTO
- Heat Dissipation for Printed Circuit and Printed Wiring Boards and Cards 1975-Oct 86 (132)  
PB86-876695/CAW INSPEC
- Integrated and Printed Circuit Metallization 1970-Jul 85 (200)  
PB85-863686/CAW PTO
- Printed Circuit Board Coating and Plating 1970-Nov 86 (174)  
PB87-850749/CAW PTO
- Printed Circuit Board Laminates 1975-Jan 86 (70)  
PB86-856614/CAW INSPEC
- Printed Circuit Board Laminates 1970-Feb 86 (80)  
PB86-855541/CAW PTO
- Printed Circuit Boards: Through-Hole Plating Technology 1975-Jan 86 (61)  
PB86-856713/CAW INSPEC
- Printed Circuit Cleaning 1975-Nov 85 (152)  
PB85-872059/CAW INSPEC
- Printed Circuit Solderability: Techniques and Materials 1975-Jun 86 (108)  
PB86-869187/CAW INSPEC
- \*Printed Circuits Jun 81-Nov 86 (263)  
PB87-850137/CAW NTIS
- Printed Circuits: Coatings 1980-Mar 86 (75)  
PB86-860632/CAW WSC
- \*Printed Circuits: Computer Aided Layout and Design Feb 85-Jan 86 (81)  
PB86-855343/CAW INSPEC
- Printed Circuits: Inspection, Testing, and Repair Aug 82-Jun 86 (239)  
PB86-870060/CAW Ei
- Printed Circuits: Insulation Technology 1975-Feb 86 (158)  
PB86-857380/CAW INSPEC
- \*Printed Circuits: Manufacturing Jul 85-Jun 86 (128) Specific tests of printed circuits are covered in another published search  
PB86-870037/CAW Ei
- Printed Circuits: Packaging Aug 82-Apr 86 (256)  
PB86-862356/CAW Ei
- Printed Circuits: Soldering and Connectors Aug 82-Jun 86 (229)  
PB86-870052/CAW Ei
- Printed Wiring Devices 1970-Jun 85 (191)  
PB85-861466/CAW PTO

## Printers

- Dot Matrix Printers 1970-1986 (199) Excludes impact printers  
PB87-852166/CAW PTO
- Impact Printers 1970-Nov 85 (162)  
PB85-872463/CAW PTO
- Laser Printers 1970-Nov 86 (71)  
PB87-851820/CAW PTO
- Microform Reader/Printers 1980-Mar 86 (194)  
PB86-863172/CAW PTO
- Nonimpact Printers 1976-Jan 86 (114)  
PB86-855574/CAW PIRA
- Nonimpact Printing Technology 1975-Feb 86 (148)  
PB86-858156/CAW INSPEC

Printers 1970-Jul 85 (197) Includes computer printers, contact printers, projection printers, and printer readers  
PB85-864544/CAW NTIS

- Printers: Dot Matrix 1976-Aug 86 (336)  
PB86-872983/CAW INSPEC
- \*Printers: Thermal Printheads and Paper Dec 85-Nov 86 (95)  
PB87-850111/CAW INSPEC

## Printing

- Computerized Printing Operations 1976-May 85 (219)  
PB85-860500/CAW PIRA
- Electronic Publishing: Market Aspects 1983-Jul 86 (93)  
PB86-871829/CAW COM
- Ink Jet Printing 1972-Jun 85 (121)  
PB85-862019/CAW Ei
- \*Ink Jet Printing Mar 84-Feb 86 (130)  
PB86-859907/CAW INSPEC
- Ink Jet Printing 1975-Nov 85 (315)  
PB85-872109/CAW PIRA
- Label Printing Techniques and Machinery 1976-Nov 85 (310)  
PB86-851334/CAW PIRA
- Laser Printing: Processes and Equipment 1970-Mar 86 (190)  
PB86-863404/CAW Ei
- \*Laser Printing: Processes and Machinery Apr 84-Jun 85 (100)  
PB85-861433/CAW PIRA
- Lasers in Electrophotographic Imaging and Printing 1975-Mar 86 (92)  
PB86-862737/CAW INSPEC
- Lithographic Printing Plates 1970-May 85 (222)  
PB85-858769/CAW PTO
- Nonimpact Printing Technology 1975-Feb 86 (148)  
PB86-858156/CAW INSPEC
- Printing and Papermaking: Energy Consumption and Conservation 1976-May 85 (246)  
PB85-860088/CAW PIRA
- Security Printing 1976-Oct 85 (186)  
PB85-870301/CAW PIRA

## Printing inks

- Printing Inks Jun 70-1985 (203)  
PB86-854692/CAW Ei
- \*Printing Inks: Water-Based Aug 81-Apr 86 (211)  
PB86-864923/CAW PIRA
- UV Curable Inks in Offset Printing 1976-Nov 85 (177)  
PB86-852233/CAW PIRA
- UV Drying of Printing Inks: Pigment Effects 1976-Jun 85 (97)  
PB85-861474/CAW PIRA
- UV Printing Inks in Screen Printing 1976-1985 (152)  
PB86-853470/CAW PIRA

## Privacy

- Computer Crime 1975-Oct 86 (311) Excludes software piracy  
PB86-876240/CAW INSPEC
- \*Computer Information Security and Protection May 85-Apr 86 (94)  
PB86-862968/CAW Ei
- \*Computer Information Security and Protection Jun 85-Apr 86 (52)  
PB86-865334/CAW NTIS
- Freedom of Information and Privacy 1974-Jun 86 (197)  
PB86-869229/CAW MC
- Mobile Communications: Privacy and Security 1975-Apr 86 (50)  
PB86-866233/CAW INSPEC

## Process control

- \*Microprocessors: Industrial Process Control Applications Aug 84-1986 (182)  
PB87-852273/CAW Ei
- \*Programmable Controllers Nov 84-Oct 86 (313)  
PB86-876513/CAW INSPEC
- Proximity Sensors 1975-Oct 86 (224)  
PB86-877024/CAW INSPEC
- Real Time Operating Systems 1975-Oct 85 (121)  
PB85-872067/CAW INSPEC
- STD BUS System for Microcomputers 1979-Nov 85 (59)  
PB86-851565/CAW INSPEC
- Tape Automated Bonding Techniques in Integrated Circuit Packaging 1975-Apr 86 (70)  
PB86-864782/CAW INSPEC

## Prodrugs

- Prodrugs and Derivatives 1970-May 86 (77)  
PB86-867926/CAW PTO

## Product codes

- Bar Code Reading Devices 1970-Nov 86 (198)  
PB87-850756/CAW PTO
- \*Universal Product Codes Jun 85-May 86 (109)  
PB86-865003/CAW INSPEC
- \*Universal Product Codes Nov 84-Oct 86 (276)  
PB86-876638/CAW PIRA
- Universal Product Codes 1982-Feb 86 (72)  
PB86-860574/CAW PSTA

## Product development

- New Products Forecasting Jun 70-Jun 86 (144)  
PB86-871084/CAW Ei

## Product liability

- Tort Law: Management Considerations 1975-Jan 86 (170)  
PB86-858636/CAW MC

## Product safety

- \*Consumer Affairs Jun 80-Mar 86 (301)  
PB86-863115/CAW NTIS
- \*Product Liability Nov 84-Oct 86 (63)  
PB86-876919/CAW Ei
- Product Liability for Manufacturers 1976-Jun 85 (137)  
PB85-863371/CAW PIRA
- Product Safety: Industrial and Consumer Impacts 1976-Jul 85 (203)  
PB85-864122/CAW PIRA

## Production control

- Assembly Line Techniques Jun 70-Jan 86 (237)  
PB86-856218/CAW NTIS
- Networking in Factory Automation 1975-1986 (228)  
PB87-853016/CAW INSPEC

## Production planning

- Manufacturing Resource Planning 1975-Jan 86 (74)  
PB86-855632/CAW INSPEC
- Material Requirements Planning (MRP) 1975-Jan 85 (139)  
PB85-853661/CAW INSPEC
- Process Yields in Integrated Circuit Fabrication 1975-Apr 86 (78)  
PB86-864212/CAW INSPEC
- Production Engineering 1978-Apr 86 (310) Excludes robotics and computer aided manufacturing  
PB86-863651/CAW NTIS



## Productivity

- Computer Programmer Productivity 1975-Oct 86 (134) Generally excludes software engineering productivity and software tools  
PB86-875994/CAW INSPEC
- Ergonomics and Productivity 1975-Jun 86 (55) Excludes human engineering factors specific to video display units  
PB86-871381/CAW INSPEC
- Flexitime 1974-May 86 (248)  
PB86-866613/CAW MC
- \*Job and Industrial Related Productivity Aug 82-Apr 86 (331) Includes productivity studies on industries, of workers, and as related to the economy  
PB86-868163/CAW NTIS
- \*Productivity Improvement, Analysis, and Techniques Feb 84-Feb 86 (89)  
PB86-859600/CAW MC
- Productivity Improvement, Analysis, and Techniques 1976-Feb 86 (191)  
PB86-860996/CAW PIRA
- Programmer Productivity: Management Aspects 1983-Jun 86 (87)  
PB86-871373/CAW COM
- Telecommuting 1983-Jun 86 (147)  
PB86-871787/CAW COM
- Time and Motion Studies 1970-1984 (298)  
PB85-853760/CAW Ei
- Time and Motion Studies: Work Measurement and Productivity 1973-Jul 85 (193)  
PB85-864759/CAW ISMEC

## Profilometers

- Profilometers 1970-Oct 85 (77)  
PB85-869360/CAW Ei

## Programmable calculators

- Hewlett Packard HP-41 Series Programmable Calculators 1980-Jan 86 (137)  
PB86-857232/CAW INSPEC

## Programmable controllers

- Programmable Controllers: Design and Applications 1973-Nov 85 (258)  
PB86-851318/CAW ISMEC

## Programmable logic arrays

- \*Programmable Logic Arrays Jan 85-Dec 85 (53)  
PB86-854031/CAW INSPEC

## Programming languages

- \*ADA Programming Language 1985-1986 (415)  
PB87-852877/CAW INSPEC
- ADA Programming Language: Military Standardization 1970-May 86 (66)  
PB86-867280/CAW NTIS
- APL Programming Language 1975-1986 (221) Excludes use in mathematics, arrays, or matrix analysis  
PB87-853008/CAW INSPEC
- APL Programming Language: Mathematics and Arrays 1975-Jan 86 (108)  
PB86-856564/CAW INSPEC
- C Programming Language 1975-1986 (377)  
PB87-853164/CAW INSPEC
- Computer Programming Languages for Industrial Numerical Control 1975-Apr 86 (343)  
PB86-864113/CAW INSPEC
- \*Computer Programming Languages for Numerical Control 1985-Jan 86 (111)  
PB86-857372/CAW Ei
- \*Computer Software Standards 1983-Aug 86 (389) Covers Compiler Validation Summary Reports and General Studies  
PB86-872934/CAW NTIS
- COBOL Programming Language 1975-May 85 (156)  
PB85-860369/CAW INSPEC

COBOL Standards and Validation 1972-May 85 (264)  
PB85-861045/CAW NTIS

- Data Base Languages 1970-Apr 86 (183)  
PB86-866282/CAW Ei
- Data Base Languages 1970-Aug 86 (180) Includes query languages, ddl, dml, and data element dictionaries/directories  
PB86-872926/CAW NTIS
- Fourth Generation Programming Languages 1975-1986 (202)  
PB87-852331/CAW INSPEC
- Fourth Generation Programming Languages: Market Aspects 1983-Jun 86 (57)  
PB86-870474/CAW COM
- Functional Languages and Function Programming 1975-1985 (227)  
PB86-853900/CAW INSPEC
- FORTH Programming Language: Utilization with Microcomputers 1977-1986 (150)  
PB87-852448/CAW INSPEC
- Job Control Languages 1975-Feb 86 (129)  
PB86-858818/CAW INSPEC
- Lisp Programming Language: Artificial Intelligence Applications 1975-Feb 86 (124)  
PB86-857513/CAW INSPEC
- LISP Programming Language: Artificial Intelligence Applications 1983-Sep 86 (224)  
PB86-875606/CAW COM
- LOGO Programming Language 1975-1986 (316)  
PB87-852323/CAW INSPEC
- Microcomputers: Applesoft BASIC Programming Language 1975-Mar 86 (109)  
PB86-861994/CAW INSPEC
- Microcomputers: Assembly Language Programming 1974-1985 (185)  
PB86-853876/CAW INSPEC
- Microcomputers: Atari BASIC Programming 1981-1985 (133)  
PB86-854817/CAW INSPEC
- Microcomputers: BASIC Programming and Games with the Commodore 20 and 64 1981-Feb 86 (323)  
PB86-858255/CAW INSPEC
- Microcomputers: PASCAL Programming Language 1977-Feb 86 (271)  
PB86-858164/CAW INSPEC
- Microsoft Basic Computer Programming 1979-Jan 86 (174)  
PB86-859535/CAW INSPEC
- Programming Language Design 1970-Apr 86 (240)  
PB86-866985/CAW NTIS
- \*PASCAL Programming Language Oct 84-Apr 86 (97)  
PB86-866969/CAW Ei
- PASCAL Programming Language Jun 70-Oct 85 (220)  
PB85-869659/CAW NTIS
- PROLOG Programming Language 1974-Mar 86 (253)  
PB86-859154/CAW INSPEC
- Query Languages 1975-Sep 86 (175)  
PB86-874344/CAW INSPEC
- Robot Programming Languages 1975-Feb 86 (145)  
PB86-858768/CAW INSPEC
- Structured Query Language 1975-Jan 86 (69)  
PB86-855681/CAW INSPEC
- Transputers and the OCCAM Programming Language 1975-May 86 (100)  
PB86-869369/CAW INSPEC

## Project planning

- Configuration Management: Computers, Software, and Control Systems 1975-Jan 86 (58)  
PB86-858529/CAW INSPEC
- Configuration Management: Networks and Parallel Processing 1978-Apr 86 (51)  
PB86-858552/CAW IAA

- Configuration Management: Software 1973-Jan 86 (52)  
PB86-858537/CAW IAA
- Critical Path Method 1975-May 85 (208)  
PB85-861136/CAW INSPEC
- Organization Planning and Design 1970-May 86 (291)  
PB86-866167/CAW Ei
- Program Evaluation and Review Technique (PERT) 1975-Feb 86 (264)  
PB86-859626/CAW INSPEC
- \*Project Management Jun 85-May 86 (107)  
PB86-866159/CAW Ei
- \*Project Management Nov 83-1985 (175)  
PB86-855178/CAW MC
- \*Project Management Feb 85-May 86 (55)  
PB86-868346/CAW NTIS
- Team Management 1974-Jan 86 (248)  
PB86-856481/CAW MC
- Team Management 1975-Nov 85 (171)  
PB86-850880/CAW PIRA

## Prolog

- PROLOG Programming Language 1974-Mar 86 (253)  
PB86-859154/CAW INSPEC

## Propellants

- Aluminized Propellants and Explosives 1970-Apr 86 (208)  
PB86-866217/CAW NTIS
- Monopropellants 1970-Jul 86 (293)  
PB86-871845/CAW NTIS
- Solid and Liquid Propellants for Rocket Engines 1973-Oct 86 (296)  
PB86-876042/CAW ISMEC

## Propellers(Marine)

- Marine Propellers 1974-May 85 (200)  
PB85-858884/CAW BHRA FLUID
- Marine Propellers: Design 1970-Apr 86 (151)  
PB86-863644/CAW Ei
- Marine Propellers: Mechanical Properties and Hydrodynamics 1970-Nov 84 (183)  
PB85-851004/CAW Ei

## Prostheses

- Adaptive Control Systems: Medical and Pharmaceutical Applications 1975-May 85 (91)  
PB85-862431/CAW INSPEC
- Artificial Organ Implants: Prospects and Problems 1976-Feb 86 (218) Excludes artificial heart and kidney  
PB86-859618/CAW INSPEC
- Biomedical Equipment: Artificial Organs and Prostheses 1973-Oct 85 (298)  
PB85-869600/CAW ISMEC
- Ceramic Prosthetic and Implant Devices 1970-May 86 (70)  
PB86-868072/CAW PTO
- Heart Prostheses 1970-Feb 86 (141)  
PB86-860277/CAW PTO
- Limb and Hip Prostheses 1970-Apr 86 (190)  
PB86-867348/CAW PTO
- Multifunctional Artificial Limbs 1976-Nov 85 (229)  
PB86-850021/CAW INSPEC
- \*Polymeric Prosthetic Devices Jul 84-Aug 86 (168)  
PB86-872454/CAW RAPRA
- Prosthetic Devices 1974-Apr 85 (157)  
PB85-860062/CAW IAA
- Prosthetic Devices Jun 72-Jan 85 (332)  
PB85-854339/CAW NTIS
- Prosthetic Devices Bioengineering 1973-Oct 85 (179)  
PB85-870012/CAW ISMEC



- Prosthetic Devices: Metals and Alloys Utilization 1971-Mar 86 (107)  
PB86-861416/CAW Ei
- Prosthetic Devices: Polymeric Materials Utilization 1970-Nov 86 (231)  
PB87-851440/CAW Ei

## Protective clothing

- Comfort Factors in Protective Clothing 1978-Apr 86 (132)  
PB86-866753/CAW WTA  
Eye Safety: Irritants, Exposure Effects, and Protective Devices 1976-Oct 85 (250)  
PB85-869345/CAW EDB  
Eye Safety: Irritants, Exposure Effects, and Protective Devices 1975-Jun 85 (127)  
PB85-862779/CAW INSPEC
- Eye Safety: Irritants, Exposure Effects, and Protective Devices 1970-Mar 86 (359)  
PB86-863057/CAW NTIS
- Fire Resistant Fabrics 1975-Feb 86 (119)  
PB86-858651/CAW WTA
- Helmets: Construction, Effectiveness, and Human Factors 1970-Mar 86 (344)  
PB86-859923/CAW NTIS
- \*Plastic and Rubber Materials used in Athletic Equipment 1983-May 86 (237)  
PB86-870003/CAW RAPRA
- Protective Clothing: Arctic and Tropical Environments 1970-Jun 86 (154)  
PB86-871423/CAW NTIS
- Protective Clothing: Fire and Radiation Environments 1970-Nov 86 (230)  
PB87-850970/CAW NTIS
- Protective Clothing: Flame Resistance 1975-Jan 86 (142)  
PB86-855483/CAW WTA
- \*Protective Clothing: Industrial Environments 1985-Jan 86 (56)  
PB86-858107/CAW NTIS
- \*Protective Clothing: Survival, Aircraft, and Combat Environments Aug 81-Nov 86 (200)  
PB87-850699/CAW NTIS

## Protective coatings

- Abrasion-Resistant Coatings 1980-Mar 86 (336)  
PB86-861796/CAW WSC
- Acrylic Coatings: Anticorrosive and Antifouling 1980-Mar 86 (148)  
PB86-861598/CAW WSC
- Antifouling Coatings for Marine Environments 1976-Jul 86 (169)  
PB86-870789/CAW EDB
- Antifouling Coatings: Marine Applications 1970-1985 (171)  
PB86-855491/CAW Ei
- \*Antifouling Coatings: Marine Applications Apr 85-May 86 (95)  
PB86-867553/CAW WSC
- Automobile Coatings: Acrylic and Alkyd Topcoats 1980-Mar 86 (181)  
PB86-861630/CAW WSC
- Automobile Coatings: Clearcoats and Metallic Finishes 1980-Mar 86 (185)  
PB86-861085/CAW WSC
- Automobile Coatings: Painting of Plastics 1980-Mar 86 (78)  
PB86-861671/CAW WSC
- Automobile Coatings: Polyurethanes 1980-Mar 86 (63)  
PB86-861655/CAW WSC
- Automobile Coatings: Refinishing 1980-Mar 86 (144)  
PB86-861069/CAW WSC
- Ceramic Coatings 1970-Jul 86 (92)  
PB86-871837/CAW PTO
- \*Ceramic Coatings for Wear and Corrosion Resistance at High Temperatures Sep 84-Aug 86 (154)  
PB86-872546/CAW METADEX
- \*Chromate Coatings for the Protection of Aluminum and Zinc Surfaces Mar 85-Mar 86 (57)  
PB86-861176/CAW METADEX
- Coatings for Metal Cutting and Forming Tools 1970-Oct 86 (278)  
PB86-877040/CAW Ei
- Corrosion and Weather Resistant Polyurethane Coatings 1980-Nov 86 (202)  
PB87-850046/CAW WSC
- Corrosion Prevention of Steels and Aluminum: Vitreous Enameling 1966-May 86 (230)  
PB86-866738/CAW METADEX
- \*Corrosion Resistant Coatings Jun 83-Apr 86 (154)  
PB86-865037/CAW Ei
- Corrosion Resistant Coatings 1980-Feb 86 (76)  
PB86-858669/CAW WSC
- \*Corrosion Resistant Coatings: Hot Dip Galvanizing May 82-1985 (271)  
PB86-854494/CAW METADEX
- \*Diffusion Coating Process Dec 82-Jul 86 (153)  
PB86-871472/CAW METADEX
- Elastomers: Adhesives, Coatings, and Insulating Materials 1970-Aug 86 (136)  
PB86-872827/CAW PTO
- Electric Power Plants: Protective Coatings and Corrosion Inhibition 1966-May 86 (232)  
PB86-866662/CAW METADEX
- Epoxy and Polyester Coatings 1970-Oct 86 (158)  
PB87-850244/CAW PTO  
Epoxy Coatings (Excluding Erosion) Jun 70-Oct 85 (338)  
PB85-869766/CAW Ei
- Epoxy Coatings: Anticorrosive and Antifouling 1980-Mar 86 (246)  
PB86-861440/CAW WSC
- Fire Retarding Coatings 1980-Nov 85 (232)  
PB86-852167/CAW WSC
- Fungicides 1970-Feb 83 (183)  
PB86-861549/CAW PTO
- Gas Turbines: Protective Coatings for Corrosion and Erosion Protection 1970-1986 (268)  
PB87-852133/CAW Ei
- Gas Turbines: Protective Coatings for Corrosion and Erosion Protection 1966-1986 (265)  
PB87-852927/CAW METADEX
- Impact Resistant Coatings 1980-Jan 86 (185)  
PB86-855558/CAW WSC
- Metal Overlays 1979-May 86 (249) Excludes hard surfacing  
PB86-867801/CAW METADEX
- Metallized Polymer Films 1973-Jan 86 (115)  
PB86-855624/CAW RAPRA
- Mildew Resistant Coatings 1980-Apr 86 (245)  
PB86-865060/CAW WSC
- \*Nondestructive Testing of Surfaces, Coatings, and Paints 1983-1985 (349)  
PB86-854460/CAW EDB
- Nondestructive Testing of Surfaces, Coatings, and Paints Dec 83-Nov 86 (86)  
PB87-851143/CAW NTIS
- Phosphate Coatings: Aluminum and Aluminum Alloys 1966-1985 (135)  
PB86-852670/CAW METADEX
- Phosphate Coatings: Aluminum and Aluminum Alloys 1980-Feb 86 (102)  
PB86-860335/CAW WSC
- \*Phosphate Coatings: Carbon Steels 1983-1985 (104)  
PB86-852688/CAW METADEX
- Plastic Coatings 1970-Feb 86 (123)  
PB86-857547/CAW PTO
- \*Plastics and Elastomers as Protective Coatings Feb 85-Jan 86 (61)  
PB86-856549/CAW RAPRA
- Polymer Powder Coatings: Industrial and Building Applications 1973-Feb 86 (115)  
PB86-857588/CAW RAPRA

- Powder Coatings: Industrial and Building Applications 1980-Jan 86 (215)  
PB86-860525/CAW WSC
- Printed Circuits: Coatings 1980-Mar 86 (75)  
PB86-860632/CAW WSC
- Protective Coating Methods and Compositions 1970-Jun 86 (122)  
PB86-869732/CAW PTO
- Protective Coatings for Aluminum and Aluminum Alloys 1966-Sep 86 (376) Excludes electroplating applications  
PB86-875192/CAW METADEX
- Protective Coatings for Copper and Copper Base Alloys 1966-Nov 86 (170) Excludes electrodeposited coatings  
PB87-850392/CAW METADEX
- Protective Coatings for High Temperature and Erosive Environments 1966-Aug 86 (255)  
PB86-872686/CAW METADEX
- \*Protective Coatings for Materials in Coal Gasification Plants Jun 82-May 86 (219)  
PB86-864550/CAW EDB
- Protective Coatings for Materials in Coal Gasification Plants 1970-May 86 (346)  
PB86-866670/CAW NTIS
- Protective Coatings for Nickel and Nickel Alloys 1966-Oct 86 (250) Excludes electrodeposited coatings  
PB86-876588/CAW METADEX  
Protective Coatings for Pipelines 1976-Oct 85 (330)  
PB85-870608/CAW EDB
- Protective Coatings for Stainless Steels 1966-Nov 86 (307) Excludes electrodeposited coatings  
PB87-850061/CAW METADEX
- Protective Coatings: Electrophoretic Deposition 1966-Oct 86 (311)  
PB86-876125/CAW METADEX
- Protective Coatings: Fluidized Bed Processes 1966-Jan 86 (229)  
PB86-856465/CAW METADEX
- Protective Coatings: Immersion Plating 1966-May 86 (204)  
PB86-865029/CAW METADEX
- Protective Coatings: Vapor Deposition 1966-Nov 86 (222)  
PB87-851390/CAW METADEX
- Rust Inhibiting Coatings 1980-Feb 86 (71)  
PB86-860566/CAW WSC  
Silicide Coated Heat Resistant Alloys 1966-Nov 85 (240)  
PB85-872596/CAW METADEX
- Stain Removal 1975-Feb 86 (118)  
PB86-858644/CAW WTA
- Sunscreens 1970-May 86 (67)  
PB86-870318/CAW PTO
- Superalloy Coatings 1970-Nov 85 (72)  
PB86-851912/CAW PTO
- Undercoating 1980-Apr 86 (175)  
PB86-865052/CAW WSC
- Underground Corrosion of Steels: Cathodic Protection and Protective Coatings 1966-Jul 86 (170)  
PB86-870896/CAW METADEX
- Vacuum Metallizing: Protective and Decorative Coatings 1966-1985 (232)  
PB86-855921/CAW METADEX
- Water-Based Anticorrosion Coatings 1980-Mar 86 (271)  
PB86-861093/CAW WSC

## Proteins

- Leaf Protein Concentrates: Isolation and Nutrition 1972-Sep 85 (141)  
PB85-868685/CAW FSTA
- Separation of Proteins and Peptides by Chromatography 1978-Mar 86 (173)  
PB86-863784/CAW LSC



- Separation of Proteins and Peptides by Electrophoresis 1978-Mar 86 (181)  
PB86-863776/CAW LSC
- Texturized Vegetable Protein Used in Foods 1972-Nov 85 (327)  
PB86-851953/CAW FSTA
- X-Ray Crystallography of Proteins 1978-Apr 86 (69)  
PB86-863693/CAW LSC

## Protheses

- Dental Protheses and Implants 1970-Jan 86 (223)  
PB86-856291/CAW PTO
- Polymeric Prosthetic Devices and Materials 1970-Jan 86 (189)  
PB86-857166/CAW PTO

## Protocols

- \*Computer Network Protocols Feb 84-Jan 86 (349)  
PB86-855756/CAW INSPEC
- \*Computer Network Protocols Jan 86-Dec 86 (48)  
PB87-852042/CAW NTIS
- Document Interchange Architecture - Document Content Architecture Jun 83-Jun 86 (109)  
PB86-871670/CAW COM
- DECNET: Digital Equipment Corporation Network Architecture 1976-Oct 86 (58)  
PB86-877123/CAW INSPEC
- Electronic Mail: Standards and Protocols 1977-Feb 86 (126)  
PB86-859337/CAW INSPEC
- HDLC: High Level Data Link Control 1975-Oct 85 (149)  
PB85-872174/CAW INSPEC
- Manufacturing Automation Protocol - MAP 1975-Feb 86 (58)  
PB86-863164/CAW INSPEC
- Packet Switching Protocol X.25 1977-Mar 86 (346)  
PB86-859113/CAW INSPEC
- Protocol Conversion 1975-Nov 85 (91)  
PB85-872034/CAW INSPEC
- SDLC: Synchronous Data Link Control 1975-Oct 85 (104)  
PB85-871333/CAW INSPEC
- Token-Ring Computer Network Protocol Mar 82-1985 (213)  
PB86-854379/CAW INSPEC

## Proximity devices

- Proximity Sensors 1975-Oct 86 (224)  
PB86-877024/CAW INSPEC
- Proximity Sensors and Detectors: Optical, Electromagnetic, and Inductive Techniques 1970-Aug 86 (79)  
PB86-873288/CAW PTO
- Proximity Switches 1970-Aug 86 (186)  
PB86-873171/CAW PTO

## Pseudorandom numbers

- Random and Pseudorandom Number Generation 1975-May 86 (233)  
PB86-868791/CAW INSPEC

## Psychological tests

Neurological and Psychological Testing:  
Computer Applications 1975-Mar 85 (121)  
PB85-856938/CAW INSPEC

## Psychological warfare

- \*Psychological Warfare Dec 84-Nov 86 (108)  
PB87-850186/CAW NTIS

## Psychotropic agents

- Marijuana, Hashish, and Related Compounds Jun 70-Apr 86 (206)  
PB86-867165/CAW NTIS

\*Psychotropic Drug Research Dec 81-1984 (56)  
PB85-853232/CAW NTIS

## Public health

- Heavy Metals in Drinking Water: Standards, Sources, and Effects 1978-1986 (68)  
PB87-851960/CAW LSC
- Heavy Metals in Drinking Water: Standards, Sources, and Effects 1970-1986 (89)  
PB87-853321/CAW NTIS
- Heavy Metals in Drinking Water: Standards, Sources, and Effects 1977-1986 (117)  
PB87-852356/CAW SWRA
- \*Indoor Air Pollution Nov 84-Oct 86 (386)  
PB86-877362/CAW EDB
- Preventive Medicine: Hazardous Materials Exposure and Public Health 1976-Oct 85 (325)  
PB85-869378/CAW EDB
- Toxicity of Transition Metals and Transition Metal Compounds Jun 70-Oct 85 (194)  
PB85-869964/CAW Ei

## Public opinion

Delphi Method Used in Forecasting 1970-Aug 85 (232)  
PB85-865491/CAW NTIS

## Public utilities

- \*Public Utility Rate Structures Jul 83-Jun 86 (214)  
PB86-869062/CAW EDB

## Pulp mills

- Adsorption Processes: Pulp Mill Pollutants 1975-Apr 85 (215)  
PB85-858090/CAW PIRA
- Pulp and Paper Mill Effluents: Toxicity to Humans 1976-Jan 86 (142)  
PB86-856978/CAW PIRA
- Pulp Mill Effluents: Activated Sludge Treatment Process 1976-Apr 86 (150)  
PB86-866977/CAW PIRA
- Pulp Mill Effluents: Activated Sludge Treatment Processes and Equipment 1976-Apr 86 (119)  
PB86-867132/CAW PIRA

## Pulping

- Pulp Bleaching with Oxygen and Ozone 1976-Jul 86 (190)  
PB86-871928/CAW PIRA
- Pulping Effluents: Biological Treatment 1976-Jun 86 (181)  
PB86-871936/CAW PIRA
- Pulping: Energy Consumption and Conservation 1976-May 85 (163)  
PB85-861151/CAW PIRA
- Pumps for Papermaking and Pulping 1976-Jun 85 (220)  
PB85-861441/CAW PIRA
- Sludge Dewatering in the Pulp and Paper Industry 1977-Jul 85 (76)  
PB85-863744/CAW SWRA

## Pulse communication

- Data and Voice Packets in Communication Systems 1970-Jul 86 (119)  
PB86-872272/CAW PTO
- \*Digital Communication Systems: Coding and Decoding Sep 84-Aug 86 (106)  
PB86-872579/CAW Ei
- \*Digital Communication Systems: Interference Jul 83-Jun 86 (141)  
PB86-869179/CAW Ei
- \*Digital Communication Systems: Multiplexing and Switching Jul 83-Jul 86 (275)  
PB86-870565/CAW Ei
- Digital Private Branch Exchange - Digital PBX 1975-Jan 86 (187)  
PB86-858388/CAW INSPEC
- Digital Speech Interpolation 1975-Apr 86 (99)  
PB86-863511/CAW INSPEC

- Digital Television 1975-Apr 86 (107)  
PB86-863701/CAW INSPEC
- Integrated Voice/Data Communication 1975-Apr 86 (104)  
PB86-864709/CAW INSPEC
- Satellite Digital Communication Systems 1970-Jun 86 (230)  
PB86-869161/CAW Ei
- 5ESS Switching System 1975-1986 (71)  
Integrated digital networks (ISDNs) are covered in another bibliography  
PB87-853370/CAW INSPEC

## Pultrusion

Pultrusion 1970-Oct 85 (71)  
PB85-869188/CAW Ei

- Pultrusion of Reinforced Plastics 1973-Oct 86 (302)  
PB86-876653/CAW RAPRA

## Pumps

- Diaphragm Pumps 1973-Nov 84 (87)  
PB85-850048/CAW BHRA FLUID
- Net Positive Suction Head (NPSH) 1974-Jul 86 (101)  
PB86-872470/CAW BHRA FLUID
- Positive Displacement Pumps 1974-Oct 85 (336)  
PB85-870236/CAW BHRA FLUID
- Pumps for Papermaking and Pulping 1976-Jun 85 (220)  
PB85-861441/CAW PIRA

## Purchasing

- Market Segmentation 1974-Apr 86 (374)  
PB86-865011/CAW MC

## Purification

Consumable Electrode Melting for the Reprocessing and Purification of Metals 1966-Aug 85 (156)  
PB85-865905/CAW METADEX

## Pyroelectricity

- Piezoelectric and Pyroelectric Polymers (Excluding Vinylidene Fluoride Polymers 1975-Oct 86 (237)  
PB86-875945/CAW INSPEC
- Pyroelectric Devices and Materials 1975-Aug 85 (121)  
PB85-866499/CAW INSPEC
- \*Vinylidene Fluoride Polymers and Copolymers: Electrical Properties and Applications Apr 85-Feb 86 (60) Emphasis on piezoelectric and pyroelectric properties  
PB86-859832/CAW INSPEC

## Pyrolysis

- Pyrolysis Processes: Municipal Waste Utilizations 1976-Nov 84 (171)  
PB85-851293/CAW EDB
- Pyrolysis Processes: Applications in Agricultural Waste Energy Recovery 1976-Mar 86 (142)  
PB86-860798/CAW EDB
- Solid Waste Pyrolysis Processes and Plants 1976-Feb 85 (196)  
PB85-855443/CAW EDB

## Pyrolysis incineration

- \*Incineration Studies Oct 85-Sep 86 (96)  
PB86-875523/CAW Ei
- \*Incineration Studies Oct 84-Sep 86 (87)  
PB86-875655/CAW NTIS
- Solid Waste Incinerators 1970-Oct 86 (227)  
PB86-876455/CAW PTO

## Pyrolytic graphite

- Graphite: Chemical Properties 1981-Apr 86 (197)  
PB86-866290/CAW NTIS



## Pyrometallurgy

- Extractive Metallurgy 1970-May 85 (280)  
PB85-860005/CAW Ei

## Quality assurance

- Operations Research Applied to Reliability and Quality Assurance Jun 70-Aug 86 (106)  
PB86-873882/CAW Ei
- \*Product Liability Nov 84-Oct 86 (63)  
PB86-876919/CAW Ei

## Quality control

- Burn-In Testing of Electronic Components 1975-Apr 86 (88)  
PB86-864014/CAW INSPEC
- Optical Inspection 1970-Aug 86 (67)  
PB86-874062/CAW PTO
- Quality Circles 1979-Jan 86 (188)  
PB86-856572/CAW MC
- Quality Circles 1977-Feb 86 (117)  
PB86-857489/CAW PIRA
- Quality Control Methods Dec 82-Apr 86 (270)  
PB86-865789/CAW Ei
- \*Quality Control Methods Sep 83-Oct 85 (129)  
PB85-870988/CAW NTIS
- Quality Control: Sampling Techniques 1970-Oct 86 (255)  
PB86-877131/CAW Ei
- Quality Control: Sampling Techniques 1975-Jul 85 (168)  
PB85-865236/CAW INSPEC
- Statistical Quality Control: Manufacturing 1977-Oct 86 (103)  
PB86-877339/CAW Ei
- Statistical Quality Control: Manufacturing 1975-Oct 86 (99)  
PB86-877016/CAW INSPEC

## Quantum wells

- Quantum Well Heterostructures and Lasers 1978-Nov 85 (117)  
PB85-871697/CAW Ei
- \*Quantum Well Structures and Devices Nov 84-Oct 85 (236)  
PB85-869451/CAW INSPEC
- \*Quantum Well Structures and Devices Nov 84-1985 (208)  
PB86-854148/CAW SPIN

## Quasicrystalline materials

- Quasicrystalline Materials 1975-Jul 86 (133)  
PB86-871712/CAW INSPEC

## Quaternary Ammonium compounds

- Disinfectants: Quaternary Ammonium Salts 1978-Jun 86 (143)  
PB86-869765/CAW LSC

## Quaternions

- Quaternions: Formulations in Physical and Space Sciences 1975-Nov 84 (159)  
PB85-851095/CAW INSPEC
- Quaternions: Formulations in Space Sciences 1972-Nov 85 (98)  
PB86-851623/CAW IAA

## Quenching(Cooling)

- Rapid Quenching of Metals 1971-Mar 86 (259)  
Excludes forming or pressing of the metals after rapid quenching  
PB86-864675/CAW Ei
- \*Rapid Quenching of Metals Nov 83-Nov 86 (126)  
Excludes references to forming or pressing of the metals after being rapidly quenched  
PB87-850095/CAW METADEX
- Rapid Solidification of Metals 1970-Nov 86 (216)  
PB87-851895/CAW NTIS

## Query languages

- Data Base Languages 1970-Apr 86 (183)  
PB86-866282/CAW Ei
- Data Base Languages 1970-Aug 86 (180)  
Includes query languages, ddl, dml, and data element dictionaries/directories  
PB86-872926/CAW NTIS
- Query Languages 1975-Sep 86 (175)  
PB86-874344/CAW INSPEC
- Structured Query Language 1975-Jan 86 (69)  
PB86-855681/CAW INSPEC

## Queueing theory

- Queueing Models and Modeling 1975-Apr 86 (326)  
PB86-862935/CAW INSPEC
- Waiting Time in Queueing Theory 1975-Mar 86 (260)  
Includes applications to computer networks  
PB86-861663/CAW INSPEC

## Radar

- Doppler Radar: Aviation Safety 1972-Jan 86 (87)  
PB86-856523/CAW IAA
- Ground Penetrating Radar 1975-Nov 85 (50)  
PB86-851656/CAW INSPEC
- Ground Penetrating Radar Aug 71-Nov 86 (60)  
PB87-851887/CAW NTIS
- Radar Altimeters 1975-Apr 86 (116)  
PB86-866993/CAW INSPEC
- \*Side Looking Radar Sep 83-Nov 86 (103)  
PB87-850806/CAW IAA
- Synthetic Aperture Radar: Remote Sensing 1976-Oct 86 (192)  
PB86-877156/CAW INSPEC
- Synthetic Aperture Radars: Spaceborne & Airborne Land & Sea Observation Systems 1978-1986 (167)  
PB87-853057/CAW IAA
- Terrain-Following and Forward-Looking Radars 1970-Oct 86 (288)  
PB86-875903/CAW NTIS

## Radiation effects

- \*Biological Effects of Microwave Radiation Feb 84-May 86 (127)  
PB86-866449/CAW INSPEC
- \*Biological Effects of Microwaves 1978-Jul 86 (244)  
PB86-871662/CAW NTIS
- Food Preservation Through Ionizing Irradiation Oct 84-Sep 86 (217)  
PB86-874286/CAW FSTA
- Food Preservation Through Ionizing Radiation 1981-Sep 84 (310)  
PB85-868735/CAW FSTA
- Laser Materials: Radiation Damage 1970-Nov 85 (278)  
PB86-852340/CAW NTIS
- Laser Radiation: Biological Effects 1978-Jan 86 (125)  
PB86-856986/CAW NTIS
- Low Level Radiation and Human Chromosome Aberrations 1976-1985 (94)  
PB86-856663/CAW EDB
- \*Nonionizing Electromagnetic Radiation: Biological Effects Jul 83-Apr 86 (78)  
PB86-867066/CAW Ei
- Nonionizing Electromagnetic Radiation: Biological Effects 1972-Jul 86 (236)  
PB86-873080/CAW IAA
- Optical Coatings: Laser Radiation Damage 1975-Jun 86 (117)  
PB86-870243/CAW INSPEC

- Seafarer: Impacts and Studies of the Extremely Low Frequency Communication System 1970-Feb 86 (191)  
Includes environmental and biological effects of this global communications system  
PB86-857778/CAW NTIS

## Radiation measuring instruments

- Radon Detection and Measurement 1970-Aug 86 (156)  
PB86-874740/CAW Ei

## Radiation polymerization

- Plastics and Elastomers: Radiation Crosslinking 1973-Mar 86 (342)  
PB86-862539/CAW RAPRA
- Polymer Radiation Curing: Epoxies, Phenolics, Fluorocarbons, and Silicones 1970-Jan 86 (255)  
PB86-857752/CAW NTIS
- Polymer Radiation Curing: Polyolefins and Acrylics 1970-1986 (216)  
PB87-852463/CAW NTIS
- Polymer Radiation Curing: Styrenes and Vinyls 1970-Apr 86 (173)  
PB86-864584/CAW NTIS
- Radiation Curable Polymer Coatings 1970-Jun 86 (139)  
PB86-860509/CAW PTO
- \*Radiation Curing of Polymers Dec 83-Nov 86 (324)  
PB87-851457/CAW Ei

## Radiation protection

- Radiation Hardening of Semiconductor Devices 1976-Jan 86 (191)  
PB86-855798/CAW EDB

## Radiation protective clothing

- Protective Clothing: Fire and Radiation Environments 1970-Nov 86 (230)  
PB87-850970/CAW NTIS

## Radio communication

- Adaptive Differential Pulse Code Modulation-ADPCM Dec 75-Jan 86 (219)  
PB86-854965/CAW INSPEC
- Amateur Radio Construction, Operation, and Equipment 1974-1985 (343)  
Excludes antennas  
PB86-854767/CAW INSPEC
- Amateur Radio: Antennas 1975-1986 (112)  
PB87-852158/CAW INSPEC
- AM Stereo Broadcasting and Receivers 1976-Apr 86 (64)  
PB86-864295/CAW INSPEC
- AM Stereo Broadcasting and Receivers 1970-Apr 86 (82)  
PB86-864287/CAW PTO
- \*Cellular Radio Mar 85-Mar 86 (175)  
PB86-859683/CAW INSPEC
- Frequency Allocation: Mobile Radio and Radiocommunications 1975-Nov 84 (140)  
PB85-850659/CAW INSPEC
- Frequency Allocation: Radio and Television Broadcasting 1975-Mar 86 (107)  
PB86-861739/CAW INSPEC
- Frequency Modulation Receivers and Tuners 1975-Mar 86 (350)  
PB86-861309/CAW INSPEC
- Frequency Shift Keying 1970-Jul 85 (184)  
PB85-862381/CAW PTO
- Frequency Shift Keying: Communications Systems 1971-Mar 86 (86)  
PB86-861341/CAW Ei
- Land Mobile Communications 1970-Nov 86 (245)  
PB87-850723/CAW NTIS
- \*Microwave Communications Aug 81-Sep 85 (151)  
PB85-868560/CAW NTIS



Microwave Link Design 1975-Aug 85 (174)  
PB85-866895/CAW INSPEC

- Mobile Communications: Privacy and Security 1975-Apr 86 (50)  
PB86-866233/CAW INSPEC

Modems: Frequency Shift Keying Systems 1975-Sep 85 (87)  
PB85-867208/CAW INSPEC

- Modems: Phase Shift Keying Systems 1975-Aug 86 (138)  
PB86-872660/CAW INSPEC

Phase Shift Keying for Satellite Communications 1972-Oct 85 (351)  
PB85-871952/CAW IAA

Radio Communication Systems 1970-Oct 85 (203)  
PB85-870160/CAW PTO

- Satellite Digital Communication Systems 1970-Jun 86 (230)  
PB86-869161/CAW Ei

- Satellite Networks 1975-Mar 86 (98)  
PB86-861051/CAW INSPEC

- Satellite Receivers Jun 74-May 86 (255)  
PB86-864345/CAW IAA

\*Satellite Receivers Sep 83-Oct 85 (163)  
PB85-868982/CAW INSPEC

Satellite Receivers Jun 70-Oct 85 (120)  
PB85-872018/CAW NTIS

- Satellite Switched Time Division Multiple Access-SS/TDMA 1975-Jan 86 (97)  
PB86-856697/CAW INSPEC

Short-Wave Radio Receivers 1975-Feb 85 (137)  
PB85-855286/CAW INSPEC

Spread Spectrum Communication 1975-Jul 85 (335)  
PB85-863918/CAW INSPEC

- \*Spread Spectrum Communications Aug 81-Sep 86 (220)  
PB86-875564/CAW Ei

- Spread Spectrum Communications Aug 84-Jul 86 (172)  
PB86-870524/CAW INSPEC

- Spread Spectrum Communications 1970-Aug 86 (238)  
PB86-872876/CAW NTIS

- \*Spread Spectrum Transmission Jul 85-Jun 86 (94)  
PB86-869286/CAW IAA

- Telecommunication in Medicine 1970-May 86 (154)  
PB86-870433/CAW NTIS

## Radio frequency filters

Microwave Filter Design 1975-Apr 85 (155)  
PB85-858652/CAW INSPEC

## Radio navigation

- NAVSTAR Global Positioning System 1972-Nov 86 (334)  
PB87-850798/CAW IAA

- NAVSTAR Global Positioning System 1977-Oct 86 (258)  
PB86-875879/CAW INSPEC

- NAVSTAR Global Positioning System 1970-Oct 86 (245)  
PB86-877065/CAW NTIS

## Radio transmission

- \*Tropospheric Radiowave Propagation Jul 84-Nov 85 (93)  
PB86-851714/CAW INSPEC

\*VLF Radio Wave Propagation Aug 83-Mar 85 (63)  
PB85-856201/CAW INSPEC

## Radioactive wastes

- Air Filters: Design, Performance, and Applications Feb 83-Mar 86 (289)  
PB86-858883/CAW EDB

- \*Hazardous Materials Transportation: Radioactive Materials and Wastes May 85-Apr 86 (100)  
PB86-862265/CAW NTIS

- \*Ion Exchange Resins Feb 83-1985 (201)  
PB86-856135/CAW EDB

- Liners for Waste Disposal and Waste Storage Facilities 1976-Apr 86 (125)  
PB86-862422/CAW EDB

## Radiofrequency filters

- \*Bandpass Filters Apr 84-Oct 86 (149)  
PB86-877370/CAW INSPEC

- \*Bandpass Filters Oct 84-Jul 86 (51) Excludes optical filters  
PB86-871175/CAW NTIS

- High Pass Filters: Design and Theory 1975-Mar 86 (165)  
PB86-862091/CAW INSPEC

## Radiography

- Computerized Tomography: Technology and Equipment 1977-Jul 86 (327)  
PB86-870862/CAW INSPEC

Nondestructive Testing: Neutron Radiography and Neutron Activation 1975-May 85 (278)  
PB85-859973/CAW INSPEC

- Nondestructive Testing: X-ray Radiography Techniques 1975-Feb 86 (329)  
PB86-859634/CAW INSPEC

- Nondestructive Testing: X-Ray Radiography Techniques 1973-Nov 86 (279)  
PB87-851796/CAW ISMEC

## Radioimmunoassay

- Radioimmunoassay Principles and Techniques 1975-Feb 86 (126)  
PB86-861457/CAW INSPEC

## Radomes

- Radomes 1970-Mar 86 (90)  
PB86-861242/CAW PTO

## Radon

- Radon Detection and Measurement 1970-Aug 86 (156)  
PB86-874740/CAW Ei

- Radon Detection in Homes and Buildings 1970-Oct 86 (86)  
PB87-850038/CAW NTIS

## Rail transportation

Electric Vehicles 1970-Aug 85 (155)  
PB85-865525/CAW PTO

- \*Railroad Freight Transportation. 1981-1985 (199)  
PB86-854437/CAW NTIS

- \*Railroad Management Planning Nov 81-Feb 86 (144)  
PB86-857836/CAW NTIS

\*Surface Transportation: Demands and Needs 1980-Feb 85 (271) Includes urban, rail, and marine  
PB85-855229/CAW NTIS

## Railgun accelerators

- Railgun Accelerators 1979-Aug 86 (154)  
PB86-874211/CAW EDB

- Railgun Accelerators 1982-Aug 86 (127)  
PB86-873338/CAW NTIS

## Railroad signals

- Railroad Signals and Signaling 1970-Nov 86 (274)  
PB87-850269/CAW Ei

## Railroad trains

- Motor Vehicle and Rail Accidents: Computer Analysis 1970-Sep 86 (213)  
PB86-875093/CAW NTIS

## Random access memories

Dynamic Random Access Memories 1972-Aug 85 (194)  
PB85-866689/CAW Ei

- Dynamic Random Access Memories 1970-1985 (120)  
PB86-854783/CAW PTO

Semiconductor Random Access Memories: Integrated Circuit Design and Fabrication 1975-Feb 85 (156)  
PB85-855294/CAW INSPEC

- Semiconductor Random Access Memories: Integrated Circuit Testing and Reliability 1975-Feb 86 (235)  
PB86-858230/CAW INSPEC

Static Random Access Memories 1974-Nov 84 (109)  
PB85-850634/CAW Ei

## Random numbers

- Random and Pseudorandom Number Generation 1975-May 86 (233)  
PB86-868791/CAW INSPEC

## Range finders

- Optical Range Finders 1970-Mar 86 (212)  
PB86-859485/CAW Ei

- Range Finders 1970-1986 (233)  
PB87-852091/CAW PTO

## Rare earth elements

Magnetic Structure and Properties of Rare-Earth Glassy Alloys 1975-Sep 85 (250)  
PB85-868263/CAW INSPEC

## Rates(Costs)

- \*Public Utility Rate Structures Jul 83-Jun 86 (214)  
PB86-869062/CAW EDB

## Rdx

- Plastic Explosive RDX: Cyclotrimethylenetrinitramine 1970-May 86 (262)  
PB86-870268/CAW NTIS

## Reaction kinetics

Chemical Reaction Kinetics: Modeling 1975-Nov 85 (261)  
PB85-871762/CAW INSPEC

## Read only memories

- Compact Optical Disc Technology - CD ROM Apr 79-1986 (350)  
PB87-852885/CAW INSPEC

- Electrically Erasable Programmable Read Only Memories 1975-Feb 86 (305)  
PB86-863297/CAW INSPEC

- Erasable Programmable Read Only Memories 1970-May 86 (64)  
PB86-868429/CAW PTO

## Real time

- Artificial Intelligence in Control and Real Time Operations 1970-1986 (144) Excludes general development of artificial intelligence technology and programming languages  
PB87-853271/CAW NTIS

- \*On-Line Information Retrieval Systems 1982-Feb 86 (304)  
PB86-857463/CAW NTIS

Real Time Operating Systems 1975-Oct 85 (121)  
PB85-872067/CAW INSPEC

## Recombinant DNA

Recombinant DNA 1970-Jul 85 (49)  
PB85-864189/CAW PTO



## Recording

- Digital Recording 1970-Aug 85 (230)  
PB85-866556/CAW Ei
- Laser Recording 1970-Apr 86 (76)  
PB86-868221/CAW PTO
- Magnetic Coatings 1980-Jun 86 (108)  
PB86-870763/CAW WSC
- \*Magnetic Recording Systems May 84-May 86 (132)  
PB86-864691/CAW NTIS
- \*Magnetic Recording Tape Feb 85-Jan 86 (66)  
PB86-856887/CAW Ei
- Magneto-optic Recording 1975-Jul 86 (105)  
PB86-870391/CAW INSPEC
- Perpendicular Magnetic Recording 1975-Apr 86 (148)  
PB86-865912/CAW INSPEC
- Telephone Answering and Recording Devices 1970-Nov 85 (227)  
PB86-851219/CAW PTO
- Thin Film Magnetic Heads 1975-May 86 (168)  
PB86-867710/CAW INSPEC
- Thin Film Magnetic Heads 1970-Feb 86 (113)  
PB86-858792/CAW PTO

## Records management

- \*Records Management 1981-Jan 86 (174)  
PB86-856036/CAW NTIS

## Recreation

- \*Plastic and Rubber Materials used in Athletic Equipment 1983-May 86 (237)  
PB86-870003/CAW RAPRA
- Textiles in Sports Surfaces 1977-Apr 86 (71)  
PB86-866845/CAW WTA

## Recreation vehicles

- Mobile Homes and Recreational Vehicles: Design and Construction 1972-Jul 86 (158)  
PB86-871860/CAW Ei

## Recreational boating

- \*Recreational Boating 1979-Apr 86 (205)  
PB86-864378/CAW NTIS

## Recycling

- Metals Recovery from Wastes Jun 70-1985 (244)  
PB86-852811/CAW Ei
- Metals Recovery from Wastes 1966-1985 (198)  
PB86-854072/CAW METADEX
- Metals Recovery From Wastes 1977-1985 (224)  
PB86-854122/CAW SWRA
- Organic Solvent Recovery and Reclamation Jun 70-Apr 86 (152)  
PB86-866878/CAW Ei
- Organic Solvent Recovery and Recycling Aug 83-Jun 86 (141)  
PB86-869963/CAW EDB
- Polyethylene Terephthalate (PET) Scrap Recycling 1973-May 86 (130)  
PB86-870045/CAW RAPRA
- \*Recycling Metal Scrap Jun 70-Apr 86 (232)  
PB86-863917/CAW Ei
- Recycling Plastic Scrap: Injection Molding 1973-May 86 (58)  
PB86-869484/CAW RAPRA
- Recycling Zinc Jun 76-Jul 86 (147)  
PB86-872090/CAW EDB
- Recycling Zinc 1977-Apr 85 (97)  
PB85-857647/CAW METADEX
- Recycling Zinc Jun 70-Sep 85 (183)  
PB85-868719/CAW NTIS
- Solvent Recovery and Reclamation Jun 70-May 86 (298)  
PB86-866456/CAW NTIS
- Waste Oil Reclamation 1970-Aug 86 (147)  
PB86-873890/CAW NTIS

## Reefs

- Artificial Reefs: Coastal Engineering and Fisheries Management 1974-Oct 85 (112)  
PB85-871424/CAW OCEANIC

## Reentry

- Ablation and Ablative Materials: Aerospace Applications and Materials Studies 1977-Apr 86 (308) Excludes plasma physics and nuclear fusion  
PB86-863453/CAW NTIS
- Space Shuttle: Thermal Protection Systems 1972-Jul 85 (170)  
PB85-864940/CAW IAA
- Space Shuttle: Thermal Protection Systems 1972-Jul 85 (246)  
PB85-865376/CAW NTIS

## Refining

- Catalytic Cracking Jun 70-Nov 85 (319)  
PB85-871846/CAW Ei
- Catalytic Cracking Jun 70-Nov 85 (218)  
PB86-852274/CAW NTIS
- Steel Refining: Ladle Degassing 1966-Mar 85 (354)  
PB85-856425/CAW METADEX
- Waste Oil Reclamation 1970-Aug 86 (147)  
PB86-873890/CAW NTIS

## Reforestation

- Desert Management 1970-Jan 85 (79)  
PB85-853604/CAW NTIS
- Desertification 1978-Sep 85 (78)  
PB85-868537/CAW LSC

## Refractory materials

- Ceramic Bearings 1974-Nov 86 (359)  
PB87-851051/CAW IAA
- Laser Machining of Thin Metal Films and Refractory Materials 1966-Apr 86 (174)  
PB86-863958/CAW METADEX
- \*Magnesium Oxide Ceramics and Refractories Apr 81-Sep 85 (256)  
PB85-868016/CAW Ei
- \*Silicon Nitride Ceramics and Refractories Feb 84-Jan 86 (130)  
PB86-855608/CAW Ei
- \*Silicon Nitride Ceramics and Refractories Apr 84-Mar 86 (115)  
PB86-859196/CAW NTIS
- Slip Casting of Refractory Materials 1966-May 86 (92)  
PB86-864568/CAW METADEX
- \*Magnesium Pouring Ladle Liners: Refractory Service Life Mar 84-Feb 85 (43)  
PB85-855211/CAW METADEX
- Vibratory Compaction of Power Metal and Refractory Materials 1966-Oct 85 (220)  
PB85-871200/CAW METADEX

## Refrigeration

- \*Cryogenic Refrigeration Mar 82-Mar 86 (172)  
PB86-859204/CAW NTIS
- Magnetic Refrigeration 1976-Aug 86 (74)  
PB86-873627/CAW EDB

## Regional planning

- Remote Sensing Applied to Urban and Regional Planning 1970-Sep 85 (135)  
PB85-867554/CAW NTIS

## Regulations

- Chemical Industry: Government Regulations 1976-Nov 85 (121)  
PB85-871838/CAW EDB
- \*Shipbuilding and Shipping Industries: Government Regulations Feb 84-May 85 (132)  
PB85-861565/CAW OCEANIC

## Rehabilitation

- Drug Abuse 1975-Apr 86 (206)  
PB86-867314/CAW MC

## Reinforced concrete

- \*Corrosion of Reinforced Concrete 1978-1986 (385)  
PB87-853263/CAW Ei
- \*Corrosion of Reinforced Concrete Feb 82-Sep 86 (131)  
PB86-875101/CAW NTIS

## Reinforced plastics

- Boron, Metal, and Aramid Fiber Reinforced Plastics 1973-Nov 86 (194)  
PB87-850541/CAW RAPRA
- \*Carbon and Graphite: Carbon and Graphite Fibers and Fiber Composites Jun 83-Apr 86 (387)  
PB86-868197/CAW NTIS
- Carbon Fiber Reinforced Plastics (Nongraphite): Aerospace Applications 1973-May 86 (249)  
PB86-868759/CAW RAPRA
- Carbon Fiber Reinforced Plastics (Nongraphite): Non-Aerospace Applications 1973-May 86 (183)  
PB86-868445/CAW RAPRA
- Carbon Fiber Reinforced Plastics (Nongraphite): Properties and Tests 1973-May 86 (252) Excludes applications  
PB86-868742/CAW RAPRA
- Ceramic Reinforced Plastics 1973-Oct 86 (67)  
PB86-876497/CAW RAPRA
- Fiber Reinforced Composite Laminates 1970-Nov 86 (352)  
PB87-850509/CAW NTIS
- Fiber Reinforced Composites (Excluding Epoxies and Polyesters) 1970-Oct 86 (236)  
PB86-876984/CAW Ei
- Fiber Reinforced Composites: Physical Properties 1970-Nov 86 (198) Excludes fiber reinforced plastics, fiber reinforced laminates, and glass fiber reinforcements  
PB87-851309/CAW NTIS
- Fiber Reinforced Composites: Technology and Evaluation 1970-Nov 86 (321) Excludes fiber reinforced plastics, fiber reinforced laminates, and glass fiber reinforcements  
PB87-851119/CAW NTIS
- Fiber Reinforced Polyester Composites 1972-Oct 84 (106)  
PB85-851038/CAW Ei
- Fiberglass Reinforced Plastics 1977-Nov 85 (263)  
PB86-851805/CAW NTIS
- Glass Fiber Reinforced Plastics: Agricultural Applications 1973-Oct 86 (120) Excludes roofing materials and buildings applications; includes greenhouse structural supports  
PB87-850327/CAW RAPRA
- Glass Fiber Reinforced Plastics: Building and Agricultural Applications 1975-Oct 85 (133) This report has been updated and split into 2 separate titles - one for building applications, the other for agricultural applications  
PB85-870681/CAW RAPRA
- Glass Fiber Reinforced Plastics: Building Applications 1973-Nov 86 (350) Excludes roofing materials and agricultural applications  
PB87-850921/CAW RAPRA
- Glass Fiber Reinforced Plastics: Chemically Resistant Applications 1977-Oct 85 (109)  
PB85-870475/CAW RAPRA
- Glass Fiber Reinforced Plastics: Fracture Mechanics 1975-Jul 86 (293)  
PB86-871282/CAW INSPEC
- \*Injection Molding of Polypropylenes Jul 82-Jun 85 (178)  
PB85-861508/CAW RAPRA



- Polyvinylidene Fluoride: Reinforcers and Processing 1977-Apr 86 (174)  
PB86-863768/CAW RAPRA
- Prepregs 1970-Feb 86 (110)  
PB86-858743/CAW PTO  
Pultrusion 1970-Oct 85 (71)  
PB85-869188/CAW Ei
- Pultrusion of Reinforced Plastics 1973-Oct 86 (302)  
PB86-876653/CAW RAPRA
- Reinforced Plastics: Electrical Applications 1973-Feb 86 (274)  
PB86-859964/CAW RAPRA

## Relational data bases

- Database Machines 1975-Jul 86 (105)  
PB86-871530/CAW INSPEC
- Relational Data Bases 1970-1986 (209)  
PB87-852620/CAW NTIS
- \*Relational Data Bases and Data Base Systems Nov 85-Oct 86 (380)  
PB86-876901/CAW INSPEC
- Relational Database Management Systems: Market Aspects 1983-Jul 86 (86)  
PB86-871993/CAW COM

## Relativity

- Faster Than Light: Communication, Wave Packets, and Particles 1976-Jan 86 (114)  
PB86-856739/CAW EDB
- Faster Than Light: Communication, Wave Packets, and Particles 1975-Jan 86 (249)  
PB86-856606/CAW INSPEC

## Reliability

- Burn-In Testing of Electronic Components 1975-Apr 86 (88)  
PB86-864014/CAW INSPEC
- \*Computer Software Reliability Jan 86-Dec 86 (275)  
PB87-852844/CAW INSPEC
- \*Integrated Circuits Reliability Jun 84-Jun 86 (70)  
PB86-869385/CAW IAA
- \*Integrated Circuits Reliability Apr 76-Aug 86 (315)  
PB86-872975/CAW NTIS
- \*Integrated Circuits: Reliability Feb 84-Mar 85 (149)  
PB85-857159/CAW EDB
- Mechanical Reliability 1976-Feb 86 (160)  
PB86-861119/CAW EDB
- Mechanical Reliability Jun 70-Nov 86 (285)  
PB87-850848/CAW Ei
- Mechanical Reliability Jun 74-Nov 85 (106)  
PB86-850179/CAW IAA
- Mechanical Reliability 1972-Aug 85 (200)  
PB85-866655/CAW NTIS
- Operations Research Applied to Reliability and Quality Assurance Jun 70-Aug 86 (106)  
PB86-873882/CAW Ei
- Redundant Systems 1975-Mar 86 (127)  
PB86-860160/CAW INSPEC
- \*Reliability: Mathematical Techniques Jun 77-Apr 86 (280) Restricted to mathematical studies  
PB86-864618/CAW NTIS

## Remote areas

- Effects of Remote, Isolated, or Confined Areas on Humans 1970-Mar 86 (137)  
PB86-862976/CAW NTIS

## Remote control

- Infrared Remote Control 1975-Feb 86 (138)  
PB86-862133/CAW INSPEC

## Remote sensing

- Aerial Photography: Applications in the Study of Coastal Erosion and Pollution 1974-May 86 (350)  
PB86-867397/CAW OCEANIC

- \*Instrumentation and Data Processing Used in Earth Resources Technology Satellites 1976-Jun 86 (378) Excludes reports that discuss results to specific geographic areas, or to specific pollution investigations  
PB86-871043/CAW NTIS
- Laser Infrared Radar 1971-Feb 86 (290)  
PB86-858354/CAW SPIN
- LIDAR Remote Sensing and Measurement 1976-Apr 86 (303)  
PB86-866464/CAW INSPEC
- Oil Pollution Sampling, Detection, and Analysis 1976-Jul 85 (176) Excludes citations specifically on pollution effects on flora and fauna  
PB85-863595/CAW NTIS

Remote Sensing of the Oceans: Dynamics 1970-Sep 85 (309)  
PB85-867620/CAW NTIS

- Remote Sensing of Agricultural Resources Oct 73-Jan 86 (350)  
PB86-855947/CAW NTIS
- Remote Sensing Applied to Environmental Pollution Detection and Management 1970-1985 (257)  
PB86-854098/CAW NTIS
- Remote Sensing Applied to Geology and Mineralogy 1973-1985 (371)  
PB86-853959/CAW NTIS
- Remote Sensing Applied to Urban and Regional Planning 1970-Sep 85 (135)  
PB85-867554/CAW NTIS
- Synthetic Aperture Radar: Remote Sensing 1976-Oct 86 (192)  
PB86-877156/CAW INSPEC

## Remotely piloted vehicles

- \*Remotely Piloted Vehicles Nov 75-Apr 86 (349) Includes aircraft, drones, and extraterrestrial vehicles  
PB86-862992/CAW NTIS

## Report generators

- Text Editing 1970-May 86 (193)  
PB86-866175/CAW NTIS

## Rescue operations

Search and Rescue Methods and Equipment 1970-Apr 85 (260)  
PB85-857324/CAW NTIS

## Research management

- Program Evaluation and Review Technique (PERT) 1975-Feb 86 (264)  
PB86-859626/CAW INSPEC
- Program Evaluation Review Technique (PERT) 1970-Apr 86 (109) Applied To Research And Development Projects  
PB86-864139/CAW Ei
- Venture Capital 1970-Jul 86 (314) Includes capital for research and development  
PB86-872082/CAW NTIS

## Reservoirs

- Lake Restoration 1977-May 86 (215)  
PB86-864832/CAW SWRA

## Resistors

- Varistors Jun 70-Nov 85 (131)  
PB86-852464/CAW Ei
- Varistors 1975-Mar 86 (322)  
PB86-862893/CAW INSPEC

## Resonators

- Dielectric Resonators 1970-Jan 86 (180)  
PB86-855939/CAW Ei
- Dielectric Resonators 1975-1985 (262)  
PB86-853884/CAW INSPEC
- Laser Cavity Resonators 1975-Aug 86 (314)  
PB86-874831/CAW SPIN

- Quartz Oscillators and Resonators Jul 83-Nov 85 (81)  
PB85-871812/CAW INSPEC

## Respiratory diseases

- Cigarette Pollution Effects on Humans 1978-Oct 86 (303)  
PB86-875895/CAW POLLUTION
- Cigarette Smoking 1970-Feb 86 (299)  
PB86-859550/CAW NTIS
- Diagnosis of Occupational Pulmonary Disorders 1976-Nov 84 (183)  
PB85-850873/CAW EDB

## Reticles

- Submicron Technology: Reticles 1977-Oct 86 (75)  
PB86-877388/CAW INSPEC

## Retina

electroretinography Jul 78-Sep 85 (94)  
PB85-870210/CAW LSC

- \*Electroretinography 1970-Sep 85 (50)  
PB85-869949/CAW NTIS

## Retortable food pouches

Retortable Food Pouches 1972-Jun 85 (148)  
PB85-863397/CAW FSTA

## Reverse osmosis

- \*Desalination of Water Dec 83-Nov 85 (74)  
PB86-851508/CAW Ei
- \*Reverse Osmosis in Food Processing Jan 86-Dec 86 (57)  
PB87-852240/CAW FSTA
- Reverse Osmosis Resins 1975-Mar 86 (186)  
PB86-859030/CAW RAPRA
- \*Waste Treatment by Reverse Osmosis and Membrane Processes: Industrial 1976-Jun 86 (225) Excludes desalination of natural waters  
PB86-870706/CAW Ei
- \*Waste Treatment by Reverse Osmosis and Membrane Processing 1978-Sep 86 (268) Excludes desalination of natural waters  
PB86-875499/CAW NTIS

## Rheological properties

Plastisols 1970-Oct 85 (125)  
PB85-871309/CAW Ei

- \*Rheological Properties of Breads and Cereals Sep 84-Aug 85 (36)  
PB85-867133/CAW FSTA
- Thixotropy 1973-Apr 86 (214)  
PB86-864501/CAW RAPRA

## Rheology

- Blood Flow Measurement: Ultrasonic Methods and Equipment 1975-Jun 86 (343)  
PB86-869740/CAW INSPEC
- \*Food Rheology Mar 83-Nov 85 (355)  
PB86-851870/CAW FSTA
- Inks and Coatings: Rheological Behavior 1976-Oct 85 (242)  
PB85-870871/CAW PIRA
- Rheology of Coatings 1980-Mar 86 (234)  
PB86-862729/CAW WSC

## Risk analysis

- \*Portfolio Management May 83-Apr 86 (324)  
PB86-866209/CAW MC
- \*Risk Analysis and Management Apr 84-Jun 86 (277)  
PB86-869393/CAW Ei

## Risks

- \*Accident Risks in Nuclear Facilities 1984-Jan 86 (181)  
PB86-855384/CAW NTIS



## Rivers

- Lake and River Bottom Sampling 1977-Jul 86 (197)  
PB86-872116/CAW SWRA  
Nutrient Removal from Lakes, Ponds, and Rivers 1977-Jun 85 (92)  
PB85-863231/CAW SWRA
- \*Sediment Transport in Rivers 1978-May 85 (139) Excludes lakes and reservoirs  
PB85-858991/CAW NTIS
- Stream Erosion and Scouring Processes 1970-Aug 86 (124) Excludes sediment transport and runoff erosion studies  
PB86-873817/CAW NTIS

## Roads

- Geotextiles 1983-May 85 (81)  
PB85-860898/CAW NTIS
- Highway Markings 1970-Apr 86 (167)  
PB86-862323/CAW NTIS
- Highway Safety Structures 1970-Mar 86 (182)  
PB86-859311/CAW NTIS
- Highway Traffic Detectors and Detection 1970-Aug 86 (158)  
PB86-873825/CAW NTIS  
Highway Traffic Noise 1970-Feb 85 (270)  
Includes planning, control, and tire noise studies  
PB85-855724/CAW NTIS
- Roads and Runways: Snow Removal and Deicing 1970-Aug 86 (199)  
PB86-873833/CAW NTIS

## Robots

- Artificial Intelligence in Control and Real Time Operations 1970-1986 (144) Excludes general development of artificial intelligence technology and programming languages  
PB87-853271/CAW NTIS
- \*Computer Vision for Automatic Assembly and Inspection Jan 86-Dec 86 (248)  
PB87-852869/CAW INSPEC
- Home Robots 1983-Jun 86 (113)  
PB86-871514/CAW COM
- Robot Algorithms 1970-May 86 (91)  
PB86-868452/CAW Ei
- Robot Algorithms 1975-1986 (156)  
PB87-852000/CAW INSPEC
- Robot Manipulators 1972-Mar 86 (352)  
PB86-863594/CAW IAA
- Robot Manipulators 1970-May 86 (201)  
PB86-869302/CAW PTO
- \*Robot Manipulators: Program Control Oct 84-1986 (199)  
PB87-851986/CAW INSPEC
- Robot Programming Languages 1975-Feb 86 (145)  
PB86-858768/CAW INSPEC
- Robot Sensors 1970-Oct 86 (153)  
PB86-876414/CAW PTO
- Robot Utilization in Nuclear Power Facilities 1976-Apr 86 (60)  
PB86-863867/CAW EDB
- \*Robot Welding Nov 85-Oct 86 (140)  
PB86-877297/CAW Ei
- \*Robot Welding Dec 85-Nov 86 (61)  
PB87-850418/CAW INSPEC  
Robot Welding 1975-Oct 85 (198)  
PB85-870632/CAW ISMEC
- Robotics and Automation on the Farm 1974-May 86 (157)  
PB86-869120/CAW INSPEC
- Robotics in the Textile Industry 1977-Aug 86 (95)  
PB86-872744/CAW WTA
- \*Robots Oct 85-Sep 86 (337)  
PB86-875689/CAW NTIS
- Robots: Artificial Intelligence 1975-Aug 86 (102)  
PB86-873189/CAW INSPEC

- \*Robots: Industrial Dec 82-Jan 86 (273)  
PB86-856895/CAW Ei
- \*Robots: Industrial Aug 85-Aug 86 (280)  
PB86-873353/CAW INSPEC  
Robots: Industrial 1970-Oct 85 (79)  
PB85-870285/CAW PTO

## Rockets

- Electrothermal Engines and Thrusters 1972-Jun 86 (86)  
PB86-868817/CAW IAA

## Rolling mills

- \*Roll Pass Design for Rolling Mills Apr 85-Mar 86 (128)  
PB86-860855/CAW METADEX
- \*Rolling Mill Automation and Control Systems 1983-Mar 86 (135)  
PB86-861226/CAW Ei

## Roofs

- \*Polymeric Roofing Materials Jul 84-Nov 86 (209)  
PB87-851317/CAW RAPRA
- Roofs and Roofing Technology 1970-Apr 86 (353)  
PB86-865938/CAW Ei  
Roofs and Roofing Technology 1974-Mar 85 (137)  
PB85-856557/CAW ISMEC

## Rotary compressors

- Axial Flow Compressors 1970-Jun 86 (215)  
PB86-869815/CAW Ei

## Runoff

- Urban Hydrology: Watershed Management and Urban Runoff 1977-Mar 86 (297)  
PB86-861002/CAW SWRA
- Watershed Management Modeling 1977-Mar 86 (124)  
PB86-861572/CAW SWRA

## Runways

- \*Airport Runways Nov 84-Jan 86 (52)  
PB86-859998/CAW Ei
- Roads and Runways: Snow Removal and Deicing 1970-Aug 86 (199)  
PB86-873833/CAW NTIS

## Saccharin

- Saccharin in Foods 1972-Aug 85 (270)  
PB85-866408/CAW FSTA

## Safeguards

- Tamper Resistant Packaging 1970-Oct 85 (56)  
PB85-869865/CAW PTO

## Safety

- \*Accident Risks in Nuclear Facilities 1984-Jan 86 (181)  
PB86-855384/CAW NTIS
- Automobile Safety: Seat Belts 1970-May 86 (203)  
PB86-868403/CAW Ei  
Automobile Safety: Bumpers 1970-Mar 85 (154)  
PB85-856813/CAW Ei
- \*Automobile Safety: Seat Belts Nov 84-Oct 86 (72)  
PB86-876463/CAW NTIS
- Automotive Seat Belts 1970-1985 (148)  
PB86-854304/CAW PTO
- Bird Strikes and Aviation Safety 1970-1985 (176) Includes windshield strikes and engine ingestion  
PB86-854213/CAW NTIS
- Child Restraint Systems 1970-Feb 86 (52)  
PB86-860251/CAW NTIS  
Machine Safety Guards 1970-Jul 85 (123)  
PB85-863850/CAW Ei

- Motorcycle Safety, Environmental Effects, and Performance Studies 1970-Feb 86 (228)  
PB86-857448/CAW NTIS
- \*Press Tools: Design, Automation, and Safety Dec 83-Jun 85 (59)  
PB85-862068/CAW ISMEC  
Product Safety: Industrial and Consumer Impacts 1976-Jul 85 (203)  
PB85-864122/CAW PIRA
- Safety in the Chemical Industry 1970-Feb 86 (262)  
PB86-860004/CAW Ei
- Safety in the Packaging Industry 1982-Jun 86 (81) Excludes tamper proof containers  
PB86-870540/CAW PSTA
- Safety Regulations and Standards for Ships 1974-Aug 86 (250) Excludes special watercraft such as semisubmersibles  
PB86-872538/CAW OCEANIC
- Tire Safety 1976-Feb 86 (221)  
PB86-861804/CAW RAPRA  
Welding: Personnel Safety 1973-May 85 (123)  
PB85-860104/CAW ISMEC  
Welding: Personnel Safety 1966-Jul 85 (171)  
PB85-865020/CAW METADEX  
Welding: Personnel Safety 1970-Jun 85 (174)  
PB85-862159/CAW NTIS

## Salad dressings

- Salad Dressing Compositions 1972-Aug 86 (189)  
PB86-874054/CAW FSTA

## Salaries

- Merit Ratings and Increases 1975-May 85 (113)  
PB85-860641/CAW MC

## Salinity

- Soil Salinity: Irrigation Practices and Effects on Crops and Ground water 1977-Oct 85 (130)  
PB85-869667/CAW SWRA

## Sand filtration

- Wastewater Treatment by Sand Filtration 1977-Feb 86 (107)  
PB86-860053/CAW SWRA

## Sands

- \*Foundry Sand and Binder Technology: Iron and Steel Casting Nov 83-Nov 85 (55)  
PB85-872224/CAW METADEX
- Sand Filtration 1970-Feb 86 (103)  
PB86-858982/CAW POLLUTION

## Sandwich construction

- \*Sandwich Structures Jul 84-Nov 85 (64)  
PB85-871747/CAW Ei
- Sandwich Structures 1970-Mar 86 (257)  
PB86-863412/CAW NTIS

## Sanguine project

- Seafarer: Impacts and Studies of the Extremely Low Frequency Communication System 1970-Feb 86 (191) Includes environmental and biological effects of this global communications system  
PB86-857778/CAW NTIS

## Sanitary landfills

- \*Sanitary Landfills 1978-Jul 86 (327) Excludes hazardous materials and industrial wastes  
PB86-870953/CAW Ei
- \*Sanitary Landfills 1978-Apr 86 (318) Excludes hazardous materials  
PB86-862984/CAW NTIS

## Sasol process

- Coal Conversion: Sasol Processes 1976-May 85 (217)  
PB85-861144/CAW EDB



## Satellite communications

- \*Communication Satellites Jun 85-May 86 (70)  
PB86-867215/CAW IAA
- \*Communication Satellites Aug 83-Nov 86 (184)  
PB87-850228/CAW NTIS
- High Definition Television: Transmission and Equipment Development 1977-Oct 86 (296)  
PB86-876406/CAW INSPEC
- Japanese Space Program 1975-Jan 86 (260)  
PB86-858974/CAW IAA
- \*Microwave Communications Aug 81-Sep 85 (151)  
PB85-868560/CAW NTIS
- Phase Shift Keying for Satellite Communications 1972-Oct 85 (351)  
PB85-871952/CAW IAA
- Satellite Digital Communication Systems 1970-Jun 86 (230)  
PB86-869161/CAW Ei
- Satellite Networks 1975-Mar 86 (98)  
PB86-861051/CAW INSPEC
- Satellite Receivers Jun 74-May 86 (255)  
PB86-864345/CAW IAA
- \*Satellite Receivers Sep 83-Oct 85 (163)  
PB85-868982/CAW INSPEC
- Satellite Receivers Jun 70-Oct 85 (120)  
PB85-872018/CAW NTIS
- Satellite Switched Time Division Multiple Access-SS/TDMA 1975-Jan 86 (97)  
PB86-856697/CAW INSPEC
- Satellite Transponders 1975-1986 (357)  
PB87-852257/CAW INSPEC

## Satellite electric power transmission

- \*Microwave Electric Power Transmission Oct 81-Mar 85 (49) Primarily includes transmission from space solar collectors  
PB85-857373/CAW NTIS

## Scanners

- Bar Code Reading Devices 1970-Nov 86 (198)  
PB87-850756/CAW PTO
- \*Laser Scanning: Technology and Applications Jan 86-Dec 86 (60)  
PB87-852489/CAW Ei
- Laser Scanning: Technology and Applications 1972-Apr 86 (314)  
PB86-864048/CAW IAA
- Laser Scanning: Technology and Applications 1970-May 86 (340)  
PB86-867405/CAW NTIS

## Scene analysis

- \*Pattern Recognition and Image Processing Feb 85-Jan 86 (140) Excludes optical character recognition  
PB86-855780/CAW NTIS

## Schottky barrier devices

- \*Schottky Barrier Devices Apr 84-May 86 (330)  
PB86-867413/CAW Ei

## Scouring

- Stream Erosion and Scouring Processes 1970-Aug 86 (124) Excludes sediment transport and runoff erosion studies  
PB86-873817/CAW NTIS

## Scrubbers

- Gas Scrubbers 1970-Feb 85 (204)  
PB85-855484/CAW PTO
- \*Gas Scrubbers Used in Pollution Control 1979-Mar 86 (331)  
PB86-859915/CAW Ei

## Sea ice

- Sea Ice Dec 82-May 85 (228)  
PB85-860120/CAW INSPEC

## Sea search and rescue

- Search and Rescue Methods and Equipment 1970-Apr 85 (260)  
PB85-857324/CAW NTIS

## Sea states

- Remote Sensing of the Oceans: Dynamics 1970-Sep 85 (309)  
PB85-867620/CAW NTIS

## Sea water

- \*Osmotic Desalting Membranes Feb 85-Jan 86 (70)  
PB86-857422/CAW Ei
- \*Osmotic Desalting Membranes 1973-Aug 86 (364)  
PB86-873692/CAW NTIS

## Sea water corrosion

- \*Cathodic Protection Aug 81-Sep 85 (253)  
PB85-868065/CAW Ei
- Cathodic Protection 1970-Jul 85 (175)  
PB85-863884/CAW NTIS
- Corrosion Prevention in Saline Environments 1966-Aug 85 (295)  
PB85-865947/CAW METADEX
- Corrosion Prevention: Cathodic Protection 1966-Oct 85 (327)  
PB85-869774/CAW METADEX
- Sea Water Corrosion Feb 80-Mar 85 (213)  
PB85-856292/CAW NTIS

## Seafarer project

- Seafarer: Impacts and Studies of the Extremely Low Frequency Communication System 1970-Feb 86 (191) Includes environmental and biological effects of this global communications system  
PB86-857778/CAW NTIS

## Seafood

- Fish and Seafood: Food Processing 1972-May 85 (126)  
PB85-860047/CAW FSTA
- Fish and Seafood: Food Processing 1972-May 86 (151)  
PB86-870292/CAW NTIS

## Sealants

- \*Adhesives: Properties, Preparation, and Applications Apr 82-May 86 (239)  
PB86-865821/CAW NTIS
- Anaerobic Adhesives and Sealants 1970-Nov 86 (93)  
PB87-850590/CAW PTO
- Anaerobic Adhesives and Sealants 1973-Nov 86 (144)  
PB87-850533/CAW RAPRA
- High Pressure Seals and Sealants 1974-Apr 86 (291)  
PB86-867140/CAW BHRA FLUID
- \*Polymeric Sealants Jan 85-Dec 85 (74)  
PB86-855855/CAW RAPRA
- Seals and Sealants: Physical Stability 1973-Oct 85 (269)  
PB85-870616/CAW RAPRA

## Seals(Stoppers)

- Hermetic Seals 1972-Jun 85 (164)  
PB85-861946/CAW IAA
- High Pressure Seals 1970-1985 (73)  
PB86-855269/CAW PTO
- High Pressure Seals and Sealants 1974-Apr 86 (291)  
PB86-867140/CAW BHRA FLUID
- Lip-Seals: Lubrication and Wear Resistance 1973-May 86 (265)  
PB86-867520/CAW BHRA FLUID

- Lubrication and Wear Resistance of Dynamic Seals 1973-Jan 86 (193)  
PB86-855699/CAW BHRA FLUID
- Mechanical Face Seals: Lubrication and Wear Resistance 1973-Jul 86 (245)  
PB86-871597/CAW BHRA FLUID
- \*Mechanical Rotary Seals: Factors Affecting Surface Wear and Abrasion Jun 84-May 85 (51)  
PB85-861581/CAW BHRA FLUID
- Reciprocating Seals: Lubrication and Wear Resistance 1973-Jun 86 (319)  
PB86-869799/CAW BHRA FLUID
- \*Seals and Gaskets Nov 81-Oct 86 (342) Excludes highway joint seals, dental sealants, and home construction sealants  
PB87-850277/CAW NTIS
- Seals and Sealants: Physical Stability 1973-Oct 85 (269)  
PB85-870616/CAW RAPRA
- \*Shaft Seals Mar 83-Apr 86 (118)  
PB86-867124/CAW BHRA FLUID

## Search and rescue

- Search and Rescue Methods and Equipment 1970-Apr 85 (260)  
PB85-857324/CAW NTIS

## Search theory

- Searching Algorithms for Computerized Problem Solving 1975-Oct 86 (235)  
PB86-876802/CAW INSPEC

## Seasonings

- Food Additives Jun 83-May 86 (91) Cites only major articles  
PB86-868940/CAW FSTA
- Spice Standards 1972-Jul 85 (320)  
PB85-863629/CAW FSTA
- \*Spices: Chemical Analysis Feb 83-Mar 86 (161)  
PB86-859071/CAW FSTA

## Seaweed

- Seaweed Culture 1978-Jan 86 (109)  
PB86-857109/CAW LSC
- Seaweed: Use as Food 1972-1985 (326)  
PB86-854049/CAW FSTA

## Secondary ion mass spectroscopy

- Ion Mass Spectrometers: Applications and Equipment 1976-Jul 85 (103)  
PB85-865459/CAW Ei

## Security

- Automotive Anti-Theft Devices 1970-Mar 86 (246)  
PB86-862166/CAW PTO
- Computer Crime 1975-Oct 86 (311) Excludes software piracy  
PB86-876240/CAW INSPEC
- \*Computer Information Security and Protection May 85-Apr 86 (94)  
PB86-862968/CAW Ei
- \*Computer Information Security and Protection Nov 84-Oct 86 (368)  
PB86-876026/CAW INSPEC
- \*Computer Information Security and Protection Jun 85-Apr 86 (52)  
PB86-865334/CAW NTIS
- Credit Cards 1970-Aug 85 (276)  
PB85-866150/CAW PTO
- Cryptography and Cryptographic Hardware 1970-Apr 86 (84)  
PB86-864402/CAW PTO
- \*Cryptography and Cryptosystems Jan 86-Dec 86 (192)  
PB87-852745/CAW INSPEC
- Cryptography and Cryptosystems 1970-Oct 86 (208)  
PB86-876059/CAW NTIS



- Data Encryption Standard 1975-Jan 86 (119)  
PB86-855814/CAW INSPEC
- Electronic Security Devices and Systems 1970-Jul 86 (140)  
PB86-872009/CAW PTO
- Microcomputers: Data and Software Security 1983-Aug 86 (150)  
PB86-874641/CAW COM
- Microcomputers: Data and Software Security 1974-Feb 86 (145)  
PB86-858172/CAW INSPEC
- Mobile Communications: Privacy and Security 1975-Apr 86 (50)  
PB86-866233/CAW INSPEC
- Security Devices Apr 77-Aug 86 (356)  
PB86-873486/CAW Ei  
Security Printing 1976-Oct 85 (186)  
PB85-870301/CAW PIRA
- \*Software Security and Piracy Feb 84-Mar 86 (302)  
PB86-859006/CAW INSPEC

## Sediment transport

- \*Sediment Transport in Rivers 1978-May 85 (139) Excludes lakes and reservoirs  
PB85-858991/CAW NTIS

## Sedimentation

- Lake Restoration 1977-May 86 (215)  
PB86-864832/CAW SWRA

## Sediments

- \*Sediment-Water Interactions and Their Effects Upon Water Quality 1979-Mar 86 (125)  
Excludes salt water studies  
PB86-859642/CAW NTIS

## Seismic design

- Seismic Design for Buildings and Building Codes 1970-Feb 86 (193)  
PB86-861291/CAW NTIS  
Seismic Studies of Pipelines 1970-Aug 85 (176)  
PB85-866051/CAW Ei  
Seismic Studies of Pipelines 1970-Aug 85 (117)  
PB85-866291/CAW NTIS

## Seismic detection

- Seismic Waves: Signal Processing 1975-Sep 85 (300)  
PB85-868396/CAW NTIS

## Seismic prospecting

- 1975-Nov 84 (350) Excludes earthquake seismology  
PB85-851277/CAW INSPEC
- \*Seismic Surveys for Coal Nov 83-1985 (150)  
PB86-854155/CAW EDB
- Seismic Surveys for Offshore Petroleum and Natural Gas Exploration and Production 1976-1985 (329)  
PB86-854171/CAW EDB

## Seismic sea waves

- Tsunamis 1970-Aug 85 (147)  
PB85-866804/CAW NTIS

## Seismology

- 1975-Nov 84 (350) Excludes earthquake seismology  
PB85-851277/CAW INSPEC

## Selenium

- Toxicity of Selenium 1976-Oct 85 (349)  
PB85-869204/CAW EDB
- Toxicity of Selenium 1970-Nov 85 (155)  
PB86-852266/CAW NTIS

## Semiarid land

- Arid and Semiarid Land Agriculture 1975-Oct 85 (51)  
PB85-869576/CAW NTIS

- Farm Crops in Arid and Semiarid Regions 1976-Nov 84 (130)  
PB85-851160/CAW SWRA

## Semiconducting films

- \*Chemical Vapor Deposition Aug 84-Jul 86 (140)  
PB86-871126/CAW NTIS
- Radiofrequency Sputtered Semiconductor Thin Films 1975-Jul 86 (218)  
PB86-870722/CAW INSPEC

## Semiconductor computer storage

- \*Logic Testing of Integrated Logic and Integrated Memory Circuits Jul 84-May 86 (146)  
PB86-868783/CAW INSPEC
- Nonvolatile Semiconductor Memories 1970-Mar 86 (133)  
PB86-860111/CAW PTO
- Nonvolatile Semiconductor Memory Circuits, Devices, and Systems 1970-Feb 86 (153)  
PB86-858024/CAW Ei
- Nonvolatile Semiconductor Memory Devices and Systems 1975-Jan 86 (340)  
PB86-855301/CAW INSPEC
- Semiconductor Memory Devices 1970-Jul 85 (196)  
PB85-864346/CAW PTO

## Semiconductor devices

- Amorphous Semiconductors 1970-Jan 85 (80)  
PB85-854123/CAW PTO
- Ballistic Electron Transport Phenomena 1975-May 86 (69)  
PB86-867298/CAW INSPEC
- Charge Coupled Devices 1970-Feb 86 (208)  
PB86-857976/CAW PTO
- Charge Injection Devices 1975-Mar 86 (102)  
PB86-861234/CAW INSPEC
- Chemical Vapor Deposition for Semiconductor Materials and Devices 1970-Apr 86 (97)  
PB86-862547/CAW PTO
- Cleaning of Semiconductor Devices Prior to Encapsulation 1974-Jan 86 (58)  
PB86-859899/CAW INSPEC
- Dielectric Isolation Techniques in Electronic Circuits 1971-1986 (104) Covers mainly integrated circuits and semiconductor devices  
PB87-853222/CAW PTO
- Electromagnetic Interference and Compatibility in Semiconductor Materials and Devices 1975-Oct 86 (83)  
PB86-876281/CAW INSPEC
- Etchants and Developers for Semiconductor Device Manufacturing 1975-Jan 86 (98)  
PB86-856788/CAW INSPEC
- Flip Chip Devices 1975-1986 (139)  
PB87-853230/CAW INSPEC
- Gallium Arsenide Circuitry: Market Aspects 1983-May 86 (74)  
PB86-869047/CAW COM
- Gallium Arsenide Field Effect Transistors: Fabrication 1970-Jul 86 (54)  
PB86-871811/CAW PTO
- \*Gallium Arsenide Metal Semiconductor Field Effect Transistors Dec 85-Nov 86 (70)  
PB87-851192/CAW INSPEC
- Gate Controlled Switches 1970-Nov 85 (124)  
PB86-852423/CAW PTO
- Gate Oxides 1975-Jun 86 (68)  
PB86-870201/CAW INSPEC
- Gate Turn Off Thyristors 1977-1986 (336)  
PB87-852687/CAW INSPEC
- Gettering in Semiconductors 1970-Apr 86 (51)  
PB86-863255/CAW PTO
- High Electron Mobility Transistors 1975-Oct 86 (248)  
PB86-876000/CAW INSPEC
- High Speed Semiconductor Switches 1975-Apr 86 (116)  
PB86-866803/CAW INSPEC
- Intrinsic Gettering 1975-Mar 86 (52)  
PB86-860145/CAW INSPEC
- Ion-Sensitive Field Effect Transistor Devices 1975-Apr 86 (92)  
PB86-864089/CAW INSPEC
- Large Scale and Very Large Scale Integration Chips 1970-Jul 86 (123)  
PB86-870961/CAW PTO
- Leadless Chip Carriers 1975-Feb 86 (107)  
PB86-858784/CAW INSPEC
- Lightly Doped Drain (LDD) Integrated Circuit Technology 1979-1986 (109)  
PB87-852695/CAW INSPEC
- Microelectronics and Semiconductor Technology: Technological Forecasting 1979-Oct 86 (172)  
PB86-876034/CAW INSPEC
- \*Microlithography and Microetching in Semiconductor Device Manufacturing and Processing Nov 85-Oct 86 (97)  
PB86-876943/CAW Ei
- Microlithography and Microetching in Semiconductor Device Manufacturing and Processing 1975-Oct 86 (301)  
PB86-876836/CAW INSPEC
- Microwave Switches and Attenuators 1975-Jan 86 (140)  
PB86-860327/CAW INSPEC
- Modulation Doped Field Effect Transistors 1975-Nov 86 (60)  
PB87-851366/CAW INSPEC
- Nondestructive Testing for Microelectronics, Semiconductors, and Superconductors 1972-May 86 (137)  
PB86-864717/CAW IAA
- Nondestructive Testing for Microelectronics, Semiconductors, and Superconductors 1970-Jan 86 (218)  
PB86-857760/CAW NTIS
- Ohmic Contacts for Gallium Arsenide Materials and Devices 1975-May 86 (156)  
PB86-867512/CAW INSPEC
- Ohmic Contacts in Group Three Compounds 1970-Aug 86 (90)  
PB86-873072/CAW PTO
- Photoresist Utilization in Semiconductor Devices 1970-1986 (243)  
PB87-853339/CAW PTO
- Plasma Etching in Semiconductor Fabrication 1970-Aug 86 (83)  
PB86-873296/CAW PTO
- Power MOSFETS 1977-Feb 86 (272)  
PB86-858420/CAW INSPEC
- PIN Diodes 1975-Mar 86 (233)  
PB86-859147/CAW INSPEC
- Radiation Hardening of Semiconductor Devices 1976-Jan 86 (191)  
PB86-855798/CAW EDB
- Radiation Hardening of Semiconductor Devices 1970-Sep 86 (260)  
PB86-875630/CAW NTIS
- \*Schottky Barrier Devices Apr 84-May 86 (330)  
PB86-867413/CAW Ei
- \*Semiconductor Device Encapsulation Jul 83-Oct 86 (175)  
PB86-877198/CAW INSPEC
- Semiconductor Gas Sensors 1975-Apr 86 (90)  
PB86-867074/CAW INSPEC
- Semiconductor Industry: Japanese Competition 1983-Aug 86 (145)  
PB86-873007/CAW COM
- Semiconductor Laser Devices 1970-Jan 85 (68)  
PB85-854354/CAW PTO
- Semiconductor Packaging 1975-Sep 86 (220)  
PB86-875432/CAW INSPEC
- Semiconductor Packaging 1970-Jan 86 (149)  
PB86-856374/CAW PTO
- Semiconductor Photolithography 1975-Mar 86 (192)  
PB86-862745/CAW INSPEC



- Silicon on Insulator Structures: Crystal Growth 1975-Aug 86 (129) Excludes oxygen implantation in SOI structures PB86-873676/CAW INSPEC
- Silicon on Insulator Technology: Oxygen Implantation 1975-Jul 86 (55) PB86-872355/CAW INSPEC
- Silicon on Sapphire Technology 1975-May 86 (125) PB86-867876/CAW INSPEC
- Silicon Field Effect Transistors 1975-Nov 86 (130) Power MOSFETS are discussed in another bibliography PB87-851721/CAW INSPEC
- Static Induction Transistors 1975-Mar 86 (73) PB86-859345/CAW INSPEC
- Submicron Technology: Reticles 1977-Oct 86 (75) PB86-877388/CAW INSPEC
- Thin Film Transistors and Solar Cells 1970-Aug 86 (95) PB86-873742/CAW PTO
- Thyristors for AC Applications 1970-Nov 85 (221) PB86-851144/CAW Ei
- Thyristors for DC Applications 1970-Nov 85 (164) PB86-851425/CAW Ei
- Thyristors for High Power Applications 1970-Nov 85 (129) PB86-851102/CAW Ei
- Varistors Jun 70-Nov 85 (131) PB86-852464/CAW Ei
- Varistors 1975-Mar 86 (322) PB86-862893/CAW INSPEC
- X Ray, Optical, and Particle Beam Lithography 1970-May 86 (129) PB86-868890/CAW PTO

## Semiconductor doping

- Autodoping in Semiconductors 1975-May 86 (71) PB86-868916/CAW INSPEC
- \*Ion Implantation May 85-Apr 86 (151) PB86-862315/CAW NTIS
- Modulation Doped Field Effect Transistors 1975-Nov 86 (60) PB87-851366/CAW INSPEC
- Transmutation Doping of Silicon 1975-Nov 86 (110) PB87-851374/CAW INSPEC

## Semiconductors

- Amorphous Semiconductors 1970-Jan 85 (80) PB85-854123/CAW PTO
- Amorphous Silicon Thin Films 1970-Jun 85 (352) PB85-861938/CAW Ei
- Ballistic Electron Transport Phenomena 1975-May 86 (69) PB86-867298/CAW INSPEC
- Boron Doped Silicon and Silicon Compounds 1975-1986 (85) PB87-852265/CAW INSPEC
- Chemical Vapor Deposition for Semiconductor Materials and Devices 1970-Apr 86 (97) PB86-862547/CAW PTO
- Electromagnetic Interference and Compatibility in Semiconductor Materials and Devices 1975-Oct 86 (83) PB86-876281/CAW INSPEC
- \*Gallium Aluminum Arsenides: Electrical and Optical Properties 1966-Jun 86 (377) PB86-869211/CAW METADEX
- Gallium Arsenide Heterostructures: Carrier Mobility 1975-Jun 86 (79) PB86-870383/CAW INSPEC
- Gallium Arsenide Materials Etching Techniques 1975-Apr 86 (190) PB86-866746/CAW INSPEC

- Gallium Arsenide Materials: Optical Properties 1975-Apr 86 (139) PB86-866811/CAW INSPEC
- Hot Carriers in Semiconductors 1975-May 85 (254) PB85-859817/CAW INSPEC
- Impurity Diffusion in Semiconductors 1975-May 86 (119) PB86-868999/CAW INSPEC
- Ionized Cluster Beam Deposition 1976-1986 (57) PB87-853214/CAW
- Metal-Organic Chemical Vapor Deposition in GaAs Semiconductor Fabrication 1975-May 86 (177) PB86-868973/CAW INSPEC
- Photoluminescence: Semiconducting Gallium Compounds 1972-1985 (346) PB86-853769/CAW Ei
- Photoluminescence: Semiconducting Silicon 1974-Apr 86 (122) PB86-866357/CAW Ei
- Quantum Well Heterostructures and Lasers 1978-Nov 85 (117) PB85-871697/CAW Ei
- \*Quantum Well Structures and Devices Nov 84-Oct 85 (236) PB85-869451/CAW INSPEC
- \*Quantum Well Structures and Devices Nov 84-1985 (208) PB86-854148/CAW SPIN
- Rapid Thermal Annealing 1975-Feb 86 (94) PB86-858776/CAW INSPEC
- Strained Layer Superlattices 1970-Apr 86 (59) PB86-862034/CAW SPIN

## Separation

- Flotation Separation of Coal: Reagents 1976-Oct 85 (299) PB85-870657/CAW EDB
- Flotation Separation of Gold and Silver Particles 1966-Nov 85 (198) PB85-872570/CAW METADEX
- Magnetic Separation in the Coal Industry 1976-Jul 85 (327) PB85-864833/CAW EDB
- Magnetic Separation in the Coal Industry 1970-Jan 86 (127) PB86-856028/CAW NTIS
- \*Magnetic Separation of Materials Aug 83-Sep 85 (170) PB85-868636/CAW EDB
- Magnetic Separation of Materials Jun 70-Nov 85 (164) PB85-872653/CAW Ei
- Magnetic Separation of Materials Jun 70-Jul 85 (189) PB85-864353/CAW NTIS
- Metals Separation Using Cation Exchange Resins 1966-Nov 85 (149) PB86-851441/CAW METADEX
- Separation of Proteins and Peptides by Chromatography 1978-Mar 86 (173) PB86-863784/CAW LSC
- Separation of Proteins and Peptides by Electrofocusing 1978-Mar 86 (181) PB86-863776/CAW LSC

## Separators

- Battery Separators 1970-Sep 86 (148) PB86-875085/CAW PTO
- Oil Water Separators 1973-Aug 84 (213) Primarily covers ballast water and oil spill separation PB85-800019/CAW API
- Oil Water Separators 1970-Feb 86 (181) Primarily covers ballast water and oil spill separation PB86-858065/CAW Ei

## Servomechanisms

- \*Electrohydraulic Control Systems Nov 83-Apr 85 (63) PB85-858520/CAW BHRA FLUID
- Servomechanisms: Digital Control 1975-Jul 86 (115) PB86-870714/CAW INSPEC
- \*Servomotors Nov 83-May 85 (92) PB85-861003/CAW Ei
- Servomotors 1972-Nov 85 (153) PB86-852126/CAW IAA

## Sewage

- Biomass Conversion: Methane Production from Industrial, Municipal, and Marine Wastes 1978-Oct 85 (128) PB85-869139/CAW EDB
- Ocean Waste Disposal: Outfall Sewers 1977-Apr 85 (168) PB85-857662/CAW SWRA
- Polychlorinated Biphenyls: Occurrence and Treatment in Municipal and Industrial Wastes 1977-Jan 86 (104) PB86-857083/CAW SWRA
- Pyrolysis Processes: Municipal Waste Utilizations 1976-Nov 84 (171) PB85-851293/CAW EDB
- \*Sewage Effects in Marine and Estuarine Environments 1977-Nov 86 (255) PB87-851564/CAW NTIS
- Sludge Dewatering: Sewage Treatment 1970-Nov 85 (229) PB85-872349/CAW Ei

## Sewage sludge disposal

- Municipal Sewage Sludge as Fertilizer 1970-May 86 (132) PB86-868866/CAW NTIS
- \*Sewage Sludge Pretreatment and Disposal Dec 81-Feb 86 (249) PB86-857398/CAW NTIS
- Sludge Dewatering: Sewage and Industrial Wastes 1978-May 85 (182) PB85-860732/CAW POLLUTION
- Sludge Dewatering: Sewage Treatment 1970-Nov 85 (229) PB85-872349/CAW Ei

## Sewage treatment

- \*Activated Carbon 1979-Sep 85 (269) Includes activated carbon treatment of sewage PB85-867539/CAW NTIS
- \*Activated Sludge Treatment 1982-Mar 85 (107) PB85-856615/CAW LSC
- \*Biochemical Oxygen Demand Oct 81-Feb 86 (161) PB86-860699/CAW NTIS
- Ozonization Used in Water and Sewage Treatment 1970-Nov 86 (275) Includes treatment for drinking water PB87-850814/CAW NTIS
- Polyelectrolytes: Wastewater and Sewage Treatment 1977-May 86 (140) PB86-867694/CAW SWRA
- Sand Filtration 1970-Feb 86 (103) PB86-858982/CAW POLLUTION
- Sewage Sludge Treatment by Composting 1970-Aug 86 (98) PB86-874468/CAW POLLUTION
- \*Sewage Treatment Costs and Economics 1979-Jun 86 (322) Covers sewers, sludge disposal, treatment techniques, and entire systems PB86-868551/CAW NTIS
- Sludge Dewatering: Industrial Wastes and Sewage 1976-Jun 85 (272) PB85-862407/CAW EDB



- \*Waste Treatment by Reverse Osmosis and Membrane Processing 1978-Sep 86 (268)  
Excludes desalination of natural waters  
PB86-875499/CAW NTIS
- Wastewater Treatment by Sand Filtration 1977-Feb 86 (107)  
PB86-860053/CAW SWRA
- Wastewater Treatment: Ozonation Processes and Equipment 1977-Aug 86 (268)  
PB86-872942/CAW SWRA

## Sewers

- Ocean Waste Disposal: Outfall Sewers 1977-Apr 85 (168)  
PB85-857662/CAW SWRA
- Urban Hydrology: Watershed Management and Urban Runoff 1977-Mar 86 (297)  
PB86-861002/CAW SWRA

## Shafts(Machine elements)

- \*Shaft Seals Mar 83-Apr 86 (118)  
PB86-867124/CAW BHRA FLUID

## Shape memory alloys

- \*Shape Memory Alloys Dec 85-Nov 86 (90)  
PB87-851093/CAW Ei
- Shape Memory Alloys 1975-Nov 86 (327)  
PB87-851473/CAW INSPEC
- Shape Memory Alloys 1970-Sep 86 (98)  
PB86-875036/CAW PTO

## Shaped charges

- Shaped Charges 1970-Jul 86 (91)  
PB86-872397/CAW Ei
- Shaped Charges 1970-Sep 86 (360)  
PB86-875234/CAW NTIS
- Shaped Charges 1970-Sep 86 (169)  
PB86-875374/CAW PTO

## Sheathing

- Plastic Sheathing and Siding: Building Applications 1978-Jun 85 (194)  
PB85-863165/CAW RAPRA

## Sheet metal

- High Frequency Induction Welding of Thin Metal Sheet and Tubing 1966-Jun 85 (215)  
PB85-863249/CAW METADEX

## Shellfish

- Fresh Water Mussels and Water Quality 1970-Nov 84 (98)  
PB85-852549/CAW NTIS
- Fresh Water Mussels and Water Quality 1977-1984 (121)  
PB85-852275/CAW SWRA
- Prawn: Processing and Packaging 1972-Oct 85 (183)  
PB85-872752/CAW FSTA

## Shielding

- Electromagnetic Shielding 1972-May 86 (306)  
PB86-867652/CAW IAA
- \*Electromagnetic Shielding 1972-Nov 86 (361)  
PB87-851648/CAW NTIS
- Electromagnetic Shielding 1970-Mar 86 (180)  
PB86-861770/CAW PTO

## Ship maneuvering

- Ships: Dynamic Positioning 1971-Nov 86 (88)  
PB87-850939/CAW Ei

## Shipboard computers

- Shipboard Computers: Non-Military Applications 1974-Oct 85 (214)  
PB85-869196/CAW OCEANIC

## Shipbuilding

- \*Shipbuilding and Shipping Industries: Government Regulations Feb 84-May 85 (132)  
PB85-861565/CAW OCEANIC

## Ships

- \*Cathodic Protection Aug 81-Sep 85 (253)  
PB85-868065/CAW Ei
- Cathodic Protection 1970-Jul 85 (175)  
PB85-863884/CAW NTIS
- Computer Aided Design and Manufacturing: Naval Architecture 1970-May 86 (202)  
PB86-868031/CAW NTIS
- Corrosion Prevention: Cathodic Protection 1966-Oct 85 (327)  
PB85-869774/CAW METADEX
- Icebreakers and Icebreaking 1970-1984 (209)  
PB85-851483/CAW NTIS
- Icebreakers and Icebreaking 1974-Mar 86 (214)  
PB86-860772/CAW OCEANIC
- Marine Gas Turbine Engines 1973-May 86 (167)  
PB86-866621/CAW ISMEC
- Natural Gas: Marine Transportation 1974-May 85 (299)  
PB85-861656/CAW OCEANIC
- Safety Regulations and Standards for Ships 1974-Aug 86 (250) Excludes special watercraft such as semisubmersibles  
PB86-872538/CAW OCEANIC
- Shipboard Fires Jun 70-Aug 86 (95)  
PB86-873718/CAW Ei
- Shipboard Fires 1970-Jun 86 (224)  
PB86-870086/CAW NTIS
- Surface Effect Vehicles for Marine Environments 1974-Oct 85 (255)  
PB85-871432/CAW OCEANIC

## Shock absorbers

- Antivibration Mountings 1970-Apr 86 (133)  
PB86-864121/CAW Ei

## Shoes

- Athletic Footwear 1970-Feb 86 (198)  
PB86-860616/CAW PTO

## Shopping

- Teleshopping 1983-Jun 86 (264)  
PB86-871779/CAW COM

## Shore protection

- Beach Erosion and Protection 1974-Jun 85 (271)  
PB85-863769/CAW OCEANIC
- Breakwaters 1977-May 85 (126)  
PB85-860617/CAW SWRA

## Short takeoff aircraft

- Military Helicopters 1970-Mar 85 (346)  
PB85-856367/CAW Ei

## Side looking radar

- Side Looking Radar 1970-Jul 86 (231)  
PB86-871738/CAW NTIS

## Sidelobes

- Antenna Sidelobe and Interference Reduction 1970-Feb 86 (269)  
PB86-858214/CAW NTIS

## Siding

- Plastic Sheathing and Siding: Building Applications 1978-Jun 85 (194)  
PB85-863165/CAW RAPRA

## Signal generators

- \*Frequency Synthesizers 1981-Oct 85 (135)  
PB85-870020/CAW Ei
- Frequency Synthesizers 1970-1985 (167)  
PB86-854775/CAW NTIS

- \*Frequency Synthesizers and Their Applications 1983-1985 (273)  
PB86-853090/CAW INSPEC
- Hall Effect Devices 1970-May 86 (240)  
PB86-867561/CAW Ei
- Hall Effect Devices 1975-Feb 85 (228)  
PB85-855385/CAW INSPEC
- Phase Noise in Signal Generators, Oscillators, and Synthesizers 1975-Mar 86 (241)  
PB86-861937/CAW INSPEC

## Signal lights

- Railroad Signals and Signaling 1970-Nov 86 (274)  
PB87-850269/CAW Ei

## Signal processing

- Antenna Sidelobe and Interference Reduction 1970-Feb 86 (269)  
PB86-858214/CAW NTIS
- Cepstrum 1975-Sep 85 (209)  
PB85-868495/CAW INSPEC
- Digital Signal Processing: Biomedical Applications 1970-Jul 86 (173)  
PB86-871803/CAW Ei
- \*Fast Fourier Transform: Applications 1982-Sep 86 (206)  
PB86-875481/CAW NTIS
- \*Information and Communication Theory Jun 81-Jan 86 (338)  
PB86-856002/CAW NTIS
- Seismic Waves: Signal Processing 1975-Sep 85 (300)  
PB85-868396/CAW NTIS
- Walsh Functions: Signal Processing 1975-May 86 (120)  
PB86-866035/CAW INSPEC

## Silicon

- Amorphous Silicon Thin Films 1970-Jun 85 (352)  
PB85-861938/CAW Ei
- Boron Doped Silicon and Silicon Compounds 1975-1986 (85)  
PB87-852265/CAW INSPEC
- Float Zone Method of Silicon Crystal Growth 1975-May 86 (170)  
PB86-868395/CAW INSPEC
- Impurity Diffusion in Semiconductors 1975-May 86 (119)  
PB86-868999/CAW INSPEC
- Minority Carrier Lifetime in Silicon 1975-Oct 86 (135)  
PB86-877396/CAW INSPEC
- Photoluminescence: Semiconducting Silicon 1974-Apr 86 (122)  
PB86-866357/CAW Ei
- Silicon on Insulator Structures: Crystal Growth 1975-Aug 86 (129) Excludes oxygen implantation in SOI structures  
PB86-873676/CAW INSPEC
- Silicon on Insulator Technology: Oxygen Implantation 1975-Jul 86 (55)  
PB86-872355/CAW INSPEC
- Silicon Chip Integrated Circuits 1975-Nov 86 (79)  
PB87-851739/CAW INSPEC
- Silicon Field Effect Transistors 1975-Nov 86 (130) Power MOSFETS are discussed in another bibliography  
PB87-851721/CAW INSPEC
- Silicon Pressure Sensors 1970-Oct 86 (82)  
PB87-850707/CAW PTO
- Solar Cell Materials: Silicon 1972-Nov 85 (256)  
PB85-871655/CAW IAA
- Transmutation Doping of Silicon 1975-Nov 86 (110)  
PB87-851374/CAW INSPEC



## Silicon nitrides

- \*Silicon Nitride Ceramics and Refractories Feb 84-Jan 86 (130)  
PB86-855608/CAW Ei
- \*Silicon Nitride Ceramics and Refractories Apr 84-Mar 86 (115)  
PB86-859196/CAW NTIS
- Silicon Nitrides 1970-Jan 86 (130)  
PB86-856382/CAW PTO
- SIALON Ceramics 1975-Sep 86 (97)  
PB86-874757/CAW IAA
- SIALON Ceramics 1975-Sep 86 (182)  
PB86-874773/CAW INSPEC

## Silicon on Sapphire

- Silicon on Sapphire Technology 1975-May 86 (125)  
PB86-867876/CAW INSPEC

## Silicone resins

- Heat Resistant Plastics Excluding Nitrogen Compounds Sep 80-Sep 86 (180)  
PB86-875762/CAW NTIS
- Organosilicon Chemistry and Compounds 1972-Jul 86 (214) Excludes metal containing organic compounds  
PB86-870797/CAW RAPRA
- Silicone Elastomers 1970-Jan 86 (157)  
PB86-855186/CAW PTO
- Silicone Elastomers 1973-Jan 86 (77) Excludes implants and prosthetic devices  
PB86-855673/CAW RAPRA
- \*Silicone Resins: Chemistry 1977-Sep 86 (141)  
PB86-875721/CAW NTIS
- Silicone Rubber Composition 1970-Aug 86 (130)  
PB86-872785/CAW PTO

## Silk screen printing

- UV Printing Inks in Screen Printing 1976-1985 (152)  
PB86-853470/CAW PIRA

## Silver alloys

- Flotation Separation of Gold and Silver Particles 1966-Nov 85 (198)  
PB85-872570/CAW METADEX
- Gold-Silver Alloys: Electrical, Optical, and Surface Properties 1966-Jun 85 (127)  
PB85-863405/CAW METADEX
- Silver-Palladium Alloys 1971-Mar 86 (323)  
PB86-860921/CAW METADEX

## Silver halides

- Silver Halide Photographic Material 1970-Nov 85 (172)  
PB86-851011/CAW PTO

## Simd machines

- Single Instruction Stream-Multiple Data Stream Computers Architecture -SIMD 1975-Jan 86 (201)  
PB86-857216/CAW INSPEC

## Simulators

- \*Flight Simulator Training Dec 83-Nov 86 (246)  
PB87-851663/CAW NTIS
- Flight Simulators and Simulation 1970-Jan 86 (222)  
PB86-856903/CAW Ei
- \*Flight Simulators and Simulation 1983-May 86 (320)  
PB86-869252/CAW IAA
- Marine Simulators 1973-1984 (92)  
PB85-853968/CAW ISMEC
- \*Simulators in Education and Training Jul 82-Mar 86 (376)  
PB86-863479/CAW NTIS

## Sintering

- \*Powder Metallurgical Techniques: Liquid Phase Sintering Jan 85-Dec 85 (64)  
PB86-853942/CAW METADEX
- Reaction Sintering 1975-Jul 86 (87)  
PB86-872249/CAW INSPEC

## Sitosterol

- Sitosterol in Foods 1972-Jul 86 (50)  
PB86-872157/CAW FSTA

## Skin effect

- Skin Effect in Electrical Conductors 1975-Nov 85 (225)  
PB85-872141/CAW INSPEC

## Sludge disposal

- Polychlorinated Biphenyls: Occurrence and Treatment in Municipal and Industrial Wastes 1977-Jan 86 (104)  
PB86-857083/CAW SWRA
- \*Sewage Sludge Pretreatment and Disposal Dec 81-Feb 86 (249)  
PB86-857398/CAW NTIS
- Sewage Sludge Treatment by Composting 1970-Aug 86 (98)  
PB86-874468/CAW POLLUTION
- Sludge Dewatering in the Pulp and Paper Industry 1977-Jul 85 (76)  
PB85-863744/CAW SWRA
- Sludge Dewatering: Industrial Wastes and Sewage 1976-Jun 85 (272)  
PB85-862407/CAW EDB
- Sludge Dewatering: Sewage and Industrial Wastes 1978-May 85 (182)  
PB85-860732/CAW POLLUTION
- Sludge Dewatering: Sewage Treatment 1970-Nov 85 (229)  
PB85-872349/CAW Ei

## Slurries

- Coal Water Slurries 1970-Mar 85 (96)  
PB85-856912/CAW PTO

## Slurry pipelines

- \*Materials Handling by Slurry Pipelines Aug 80-Mar 86 (301)  
PB86-861424/CAW Ei
- Materials Handling by Slurry Pipelines 1970-Sep 85 (187)  
PB85-868040/CAW NTIS

## Small businesses

- Entrepreneurship and Small Business 1974-Apr 86 (226)  
PB86-866506/CAW MC
- \*Small Businesses: Financial and Technical Assistance Jun 83-Jan 86 (282)  
PB86-856648/CAW MC
- \*Small Businesses: Financial and Technical Assistance Jun 84-Apr 86 (53)  
PB86-863560/CAW NTIS

## Smectic phase

- Smectic Crystals Dec 79-Nov 85 (140)  
PB86-850831/CAW SPIN

## Smell

- \*Food Aroma: Aroma and Flavor Components Mar 83-Jan 86 (110)  
PB86-856507/CAW FSTA

## Smoked Foods

- Food Flavors: Liquid Smoke 1972-May 86 (63)  
PB86-870375/CAW FSTA

## Smoking

- Cigarette Pollution Effects on Humans 1978-Oct 86 (303)  
PB86-875895/CAW POLLUTION

- Cigarette Smoking 1970-Feb 86 (299)  
PB86-859550/CAW NTIS

## Snack foods

- Snack Food Manufacture 1972-Aug 85 (235)  
PB85-866382/CAW FSTA
- Snack Foods 1970-Oct 85 (123)  
PB85-870582/CAW PTO
- Snack Foods: Processing and Packaging 1972-Jan 86 (241)  
PB86-855475/CAW FSTA

## Snow

- \*Structural Foundations in Soils, Ice, Snow, and Permafrost 1978-Sep 85 (255) Excludes subway and seabed foundations  
PB85-868552/CAW NTIS

## Snow removal

- Roads and Runways: Snow Removal and Deicing 1970-Aug 86 (199)  
PB86-873833/CAW NTIS

## Social effect

- Effects of Remote, Isolated, or Confined Areas on Humans 1970-Mar 86 (137)  
PB86-862976/CAW NTIS

## Sociology

- International Marketing: Crossing Cultural Boundaries 1974-Jul 86 (98)  
PB86-872892/CAW MC
- International Marketing: Crossing Cultural Boundaries 1976-Jul 86 (50)  
PB86-872967/CAW PIRA

## Sodium

- Low Sodium Foods 1972-Mar 86 (57)  
PB86-862109/CAW FSTA

## Sodium sulfur cells

- Sodium-Sulfur Batteries: Energy storage and Electric Vehicle Applications 1976-Apr 86 (282)  
PB86-863974/CAW EDB

## Soft drinks

- Beverage Flavors: Soft Drinks 1972-Feb 85 (176)  
PB85-855591/CAW FSTA

## Soil erosion

- Desertification 1978-Sep 85 (78)  
PB85-868537/CAW LSC
- Geotextiles 1983-May 85 (81)  
PB85-860898/CAW NTIS
- Soil Erosion Control: Waterway Embankments 1977-Oct 86 (343)  
PB86-876711/CAW SWRA

## Soil mechanics

- Earth Dams: Design, Construction, and Safety 1977-Aug 86 (223)  
PB86-874047/CAW SWRA
- Soil Structure Interactions 1970-Jan 86 (227) Excludes earthquake engineering and structures in snow and permafrost  
PB86-855251/CAW NTIS
- \*Structural Foundations in Soils, Ice, Snow, and Permafrost 1978-Sep 85 (255) Excludes subway and seabed foundations  
PB85-868552/CAW NTIS

## Soil properties

- Dewatering of Soils and Excavations 1971-Nov 86 (209)  
PB87-851861/CAW Ei
- Soil Salinity: Irrigation Practices and Effects on Crops and Ground water 1977-Oct 85 (130)  
PB85-869667/CAW SWRA



## Sol gel process

- Sol Gel Processes 1976-Sep 86 (202)  
PB86-875614/CAW EDB
- Sol Gel Processes 1970-Jan 86 (92)  
PB86-856747/CAW Ei
- Sol Gel Techniques: Glass and Ceramic Materials 1975-Jan 86 (76)  
PB86-856861/CAW INSPEC

## Solar cells

- Amorphous Solar Cells: Characteristics and Efficiency 1972-Oct 85 (122)  
PB85-869683/CAW IAA
- \*Antireflection Coatings for Solar Energy Devices Nov 85-Oct 86 (63)  
PB86-876562/CAW EDB
- Copper Containing Solar Cells: Production and Efficiency 1972-Nov 85 (112)  
PB85-871671/CAW IAA
- Gallium Compounds in Solar Cells 1972-Nov 85 (214)  
PB85-871663/CAW IAA
- Solar Cell Efficiency 1976-Nov 85 (239)  
PB86-850237/CAW EDB
- Solar Cell Manufacture: Economic Analysis 1976-Jun 85 (127)  
PB85-863199/CAW EDB
- Solar Cell Materials: Silicon 1972-Nov 85 (256)  
PB85-871655/CAW IAA
- Thin Film Transistors and Solar Cells 1970-Aug 86 (95)  
PB86-873742/CAW PTO

## Solar collectors and concentrators

- \*Parabolic Solar Collectors Jun 83-Aug 85 (281)  
PB85-865970/CAW EDB
- Solar Collectors: Corrosion Protection and Protective Coatings 1976-Oct 85 (225)  
PB85-869923/CAW EDB
- \*Solar Energy Concentrator Design and Operation Feb 85-Mar 86 (94) Includes heliostats  
PB86-861507/CAW NTIS
- Solar Heat Collectors 1970-1984 (190)  
PB85-854107/CAW PTO
- Solar Optical Materials 1978-Jul 85 (140)  
PB85-864700/CAW INSPEC

## Solar drying

- Solar Drying of Crops and Food 1970-Oct 86 (182)  
PB86-876612/CAW Ei

## Solar energy storage

- \*Thermal Energy Storage May 83-Aug 85 (285)  
PB85-868511/CAW NTIS

## Solar heating and air conditioning

- Building Design and Construction for Arid Regions 1976-Mar 85 (78)  
PB85-855922/CAW EDB
- \*Developing Countries: Solar Energy 1983-Mar 85 (297)  
PB85-857001/CAW EDB
- PB84-853225 1970-Nov 85 (314)  
PB86-851250/CAW

## Solar power generation

- Solar Energy Conversion: Technological Forecasting 1979-1985 (143)  
PB86-854627/CAW IAA

## Solar process heat

- Solar Drying of Crops 1976-Oct 85 (151)  
PB85-869352/CAW EDB
- Solar Drying of Crops and Food 1972-Oct 86 (135)  
PB86-877446/CAW FSTA

- Solar Energy Conversion: Technological Forecasting 1979-1985 (143)  
PB86-854627/CAW IAA

## Solar stills

- Solar Distillation 1970-Apr 86 (247)  
PB86-862364/CAW Ei

## Solar water pumps

- Solar Water Pumps for Irrigation 1976-May 85 (132)  
PB85-859304/CAW EDB

## Soldering

- Brazing and Soldering Aluminum Jun 70-Aug 85 (152)  
PB85-867034/CAW Ei
- Brazing and Soldering Aluminum 1970-Jul 85 (167)  
PB85-863876/CAW NTIS
- Printed Circuit Solderability: Techniques and Materials 1975-Jun 86 (108)  
PB86-869187/CAW INSPEC
- Printed Circuits: Soldering and Connectors Aug 82-Jun 86 (229)  
PB86-870052/CAW Ei
- \*Soldering Electronics Dec 85-Nov 86 (142)  
PB87-850913/CAW Ei
- Soldering Electronics Jun 70-Feb 86 (215)  
PB86-860061/CAW NTIS
- Wave Soldering 1975-1986 (202) Applications are in printed circuits, printed wiring and integrated circuits  
PB87-853032/CAW INSPEC

## Solid lubricants

- Graphite in Lubrication 1974-Aug 85 (160)  
PB85-866283/CAW IAA
- Graphite in Lubrication 1970-May 85 (188)  
PB85-860583/CAW NTIS
- Graphite Lubricants Jun 70-Jun 86 (198)  
PB86-869401/CAW Ei
- \*High Temperature, High Wear Resistant Solid Lubricants Apr 83-Feb 86 (155)  
PB86-858370/CAW BHRA FLUID
- Molybdenum Disulfide Lubrication Jun 70-Sep 85 (124)  
PB85-868842/CAW Ei
- Solid Lubricants: Graphite, Polymers, Fluorides, and General Studies Feb 82-Nov 86 (139)  
Excludes molybdenum compounds  
PB87-850863/CAW Ei

## Solid waste disposal

- Animal Waste Pollution, Treatment, and Regulations 1977-Jun 85 (314)  
PB85-863439/CAW SWRA
- Coal Mine Wastes 1970-May 85 (164) Includes studies on the control, disposal, and types of wastes.  
PB85-859676/CAW NTIS
- Coal Mine Wastes 1977-Sep 85 (169)  
PB85-868347/CAW SWRA
- \*Fly Ash Mar 85-Feb 86 (92) Includes studies on its formation, properties, control, and use  
PB86-858040/CAW Ei
- \*Fly Ash Apr 85-Mar 86 (94) Includes studies on its formation, properties, control, and use  
PB86-859279/CAW NTIS
- \*Food Processing Waste Treatment 1976-1985 (160)  
PB86-854247/CAW NTIS
- \*Hazardous Materials Waste Disposal Jun 85-May 86 (160) Excludes radioactive wastes and materials  
PB86-865854/CAW NTIS
- Hazardous Waste Treatment and Disposal 1970-Apr 86 (51) Includes radioactive wastes  
PB86-863966/CAW PTO
- \*Incineration Studies Oct 85-Sep 86 (96)  
PB86-875523/CAW Ei

- \*Incineration Studies Oct 84-Sep 86 (87)  
PB86-875655/CAW NTIS
- Leachate Treatment 1972-Nov 85 (73)  
PB85-871754/CAW POLLUTION
- Leachate Treatment 1977-Feb 86 (150)  
PB86-858990/CAW SWRA
- \*Metals Recovery from Wastes Dec 84-Nov 85 (234)  
PB85-872448/CAW EDB
- Ocean Waste Disposal: Outfall Sewers 1977-Apr 85 (168)  
PB85-857662/CAW SWRA
- Oil Shale Waste Disposal: Environmental Impacts 1976-1985 (286)  
PB86-856820/CAW EDB
- Pet Waste Disposal Products for Home or Kennel Use 1970-Jul 86 (93)  
PB86-872629/CAW PTO
- Recycling Rubber Wastes 1973-Feb 86 (185)  
PB86-860970/CAW RAPRA
- Recycling Zinc Jun 76-Jul 86 (147)  
PB86-872090/CAW EDB
- \*Sanitary Landfills 1978-Jul 86 (327) Excludes hazardous materials and industrial wastes  
PB86-870953/CAW Ei
- \*Sanitary Landfills 1978-Apr 86 (318) Excludes hazardous materials  
PB86-862984/CAW NTIS
- \*Sewage Sludge Pretreatment and Disposal Dec 81-Feb 86 (249)  
PB86-857398/CAW NTIS
- \*Solid Waste Disposal Economics 1982-Feb 86 (349)  
PB86-857307/CAW NTIS
- Solid Waste Incinerators 1970-Oct 86 (227)  
PB86-876455/CAW PTO
- \*Waste Processing and Pollution in the Chemical and Petrochemical Industries Mar 83-Nov 85 (245)  
PB86-852381/CAW NTIS
- Wood as a Fuel 1970-Aug 86 (343) Excludes synthetic fuels derived from wood. Includes use of wood wastes  
PB86-873874/CAW NTIS

## Solid wastes

- Biomass Conversion 1974-1984 (366)  
PB85-852937/CAW Ei
- \*Biomass Conversion from Agricultural Sources Mar 84-Mar 86 (328)  
PB86-859493/CAW EDB
- \*Biosynthesis in Biomass Conversion Feb 84-May 85 (128)  
PB85-859296/CAW EDB
- \*Coal Fines: Preparation Sep 85-Aug 86 (177)  
PB86-872561/CAW EDB
- Environmental Impacts: Computer Analysis 1970-Sep 86 (342)  
PB86-874328/CAW NTIS
- \*Fermentation Processes: Alcohol Fuels Jul 83-May 86 (295)  
PB86-866704/CAW EDB
- Materials Handling by Slurry Pipelines 1970-Sep 85 (187)  
PB85-868040/CAW NTIS
- \*Methane from Solid Wastes Apr 83-Apr 86 (181) Excludes agricultural wastes  
PB86-866118/CAW EDB
- Methane from Solid Wastes 1974-Nov 84 (106)  
PB85-853224/CAW Ei
- Municipal Waste Resource Recovery Facilities: Economic and Institutional Aspects 1979-Apr 86 (174)  
PB86-865185/CAW EDB
- Plastics and Rubbers: Horticultural Applications 1978-1985 (237)  
PB86-856101/CAW RAPRA



Pyrolysis Processes: Municipal Waste Utilizations  
1976-Nov 84 (171)  
PB85-851293/CAW EDB

- Pyrolysis Processes: Applications in Agricultural Waste Energy Recovery 1976-Mar 86 (142)  
PB86-860798/CAW EDB
- \*Recycling Metal Scrap Jun 70-Apr 86 (232)  
PB86-863917/CAW Ei
- Solid Waste Pyrolysis Processes and Plants  
1976-Feb 85 (196)  
PB85-855443/CAW EDB
- Wastepaper Recycling 1976-Mar 86 (267)  
PB86-862687/CAW PIRA
- Wood Fuels: Resource Assessment and Economics 1977-Apr 85 (108)  
PB85-858330/CAW EDB
- \*Wood Gasification Jul 83-Jun 85 (245)  
PB85-863140/CAW EDB

## Solvents

- Organic Solvent Recovery and Reclamation Jun 70-Apr 86 (152)  
PB86-866878/CAW Ei
- Organic Solvent Recovery and Recycling Aug 83-Jun 86 (141)  
PB86-869963/CAW EDB
- Solvent Recovery and Reclamation Jun 70-May 86 (298)  
PB86-866456/CAW NTIS
- Solventless Polymers 1970-May 86 (167)  
PB86-868569/CAW PTO

## Sonar equipment

- Submarine Detection Equipment Jun 70-1986 (263)  
PB87-852919/CAW NTIS

## Sorbitol

- Sorbitol, Mannitol, and Xylitol in Foods 1972-May 86 (330)  
PB86-868841/CAW FSTA

## Sound transmission

- Infrasonics: Theory and Applications 1975-Aug 86 (183)  
PB86-874922/CAW INSPEC

## Soups

Instant Soups 1972-Nov 85 (109)  
PB85-872547/CAW FSTA

## Space heating

- Heat Pumps: Performance and Economics 1982-Jan 86 (88)  
PB86-857034/CAW ISMEC

## Space manufacturing

- Microgravity Research on Materials Sciences  
1974-Aug 85 (66)  
PB85-868727/CAW IAA
- Microgravity Research on Materials Sciences  
1975-Oct 86 (177) Excludes microgravity research on life sciences  
PB86-877214/CAW METADEX
- Zero Gravity and Microgravity Experiments in Crystal Growth and Solidification 1975-Jan 86 (168)  
PB86-855517/CAW INSPEC

## Space navigation

- \*Space Navigation 1981-May 86 (280)  
PB86-866068/CAW IAA

## Space propulsion

Plasma Engines 1970-Sep 85 (192)  
PB85-868867/CAW NTIS

## Space shuttles

- Heat Shields 1970-Jul 86 (126)  
PB86-870920/CAW Ei

Space Shuttle: Thermal Protection Systems  
1972-Jul 85 (170)  
PB85-864940/CAW IAA

## Space stations

- Life Support Systems: Space Stations 1970-Oct 86 (231)  
PB86-876976/CAW NTIS
- Space Transportation and Space Stations and Colonies: Technology Forecasting 1972-Mar 85 (249)  
PB85-857613/CAW IAA

## Spaceborne computers

- \*Aerospace Computer Systems: Avionics Applications Aug 81-Sep 85 (337)  
PB85-868826/CAW NTIS
- Expert Systems: Aerospace Applications 1972-1985 (76)  
PB86-853397/CAW IAA
- Microprocessors: Spacecraft 1975-Jul 86 (208)  
PB86-870854/CAW IAA

## Spacecraft

- Computer Aided Design and Manufacturing: Aerospace May 84-Apr 86 (139)  
PB86-862927/CAW NTIS
- Epoxy Resins: Aerospace Applications 1973-1985 (208)  
PB86-853843/CAW RAPRA
- Heat Pipes: Aerospace Applications 1972-Aug 86 (243)  
PB86-874005/CAW IAA
- Heat Shields 1970-Jul 86 (126)  
PB86-870920/CAW Ei
- Japanese Space Program 1975-Jan 86 (260)  
PB86-858974/CAW IAA
- Plastics and Elastomers: Space Applications 1977-1985 (234)  
PB86-855046/CAW RAPRA
- Plastics: Space Applications 1972-Aug 86 (196)  
PB86-873452/CAW IAA
- Psychological Effects of Space Flight 1972-Apr 86 (129)  
PB86-866852/CAW IAA
- Satellite Altimeters 1970-Jun 85 (172)  
PB85-863306/CAW NTIS
- Space Commercialization 1972-Jul 86 (170)  
PB86-871951/CAW IAA
- Space Nuclear Reactor Electric Power 1976-Jul 86 (127)  
PB86-872306/CAW EDB
- Space Nuclear Reactor Electric Power 1972-Jul 86 (108)  
PB86-872314/CAW IAA
- Space Shuttle: Thermal Protection Systems  
1972-Jul 85 (170)  
PB85-864940/CAW IAA
- Space Shuttle: Thermal Protection Systems  
1972-Jul 85 (246)  
PB85-865376/CAW NTIS
- Telescopes Aboard Spacecraft 1970-Mar 85 (202)  
PB85-856334/CAW Ei

## Spacecraft guidance

- \*Space Navigation 1981-May 86 (280)  
PB86-866068/CAW IAA

## Spark machining

- Electric Discharge Machining Jun 70-Feb 86 (156)  
PB86-860129/CAW Ei
- \*Electric Discharge Machining Electrodes: Fabrication and Wear 1983-Feb 86 (78)  
PB86-860806/CAW METADEX

## Specialized training

- Air Traffic Controller Personnel: Training and Performance 1970-Mar 86 (175)  
PB86-862042/CAW NTIS

## Speckle

Laser Speckle Analysis: Measurement Techniques and Equipment 1975-1984 (176)  
PB85-852499/CAW INSPEC

- Laser Speckle: Theory and Applications 1970-Jan 86 (192)  
PB86-856515/CAW Ei

## Spectroscopy

- Electron Tunneling Spectroscopy 1975-Jan 86 (53)  
PB86-856846/CAW INSPEC
- \*Fourier Transform Infrared Spectroscopy Feb 82-Apr 86 (277)  
PB86-866340/CAW Ei
- Fourier Transform Infrared Spectroscopy 1970-1986 (288)  
PB87-852018/CAW NTIS
- \*X Ray Fluorescence Analysis Jul 80-Feb 86 (269)  
PB86-858438/CAW NTIS

## Spectrum management

Frequency Allocation: Mobile Radio and Radiocommunications 1975-Nov 84 (140)  
PB85-850659/CAW INSPEC

- Frequency Allocation: Radio and Television Broadcasting 1975-Mar 86 (107)  
PB86-861739/CAW INSPEC

## Speech

- Digital Speech Interpolation 1975-Apr 86 (99)  
PB86-863511/CAW INSPEC
- \*Speech Intelligibility 1979-Feb 86 (93)  
PB86-857877/CAW NTIS
- Speech Synthesis 1970-Jan 85 (107)  
PB85-853406/CAW PTO
- Speech Synthesis and Speech recognition by Computer Apr 83-1984 (306)  
PB86-852779/CAW INSPEC
- \*Speech Synthesis and Speech Recognition by Computer 1985-1986 (312)  
PB87-852778/CAW INSPEC
- Underwater Voice Communication Systems 1970-Nov 86 (159)  
PB87-851747/CAW NTIS

## Speech processing

- Digital Speech Interpolation 1975-Apr 86 (99)  
PB86-863511/CAW INSPEC

## Speech recognition

- Cepstrum 1975-Sep 85 (209)  
PB85-868495/CAW INSPEC
- \*Speech Recognition by Computer Oct 81-Jul 86 (82)  
PB86-871704/CAW NTIS
- Speech Recognition Algorithms 1970-Aug 86 (66)  
PB86-873312/CAW Ei
- Speech Synthesis and Speech recognition by Computer Apr 83-1984 (306)  
PB86-852779/CAW INSPEC
- \*Speech Synthesis and Speech Recognition by Computer 1985-1986 (312)  
PB87-852778/CAW INSPEC
- Voice Data Entry 1975-Apr 86 (131)  
PB86-865094/CAW INSPEC
- Voice Recognition Systems 1970-Apr 86 (106)  
PB86-864873/CAW PTO

## Speed recognition

- Computer Voice Recognition: Market Aspects 1983-Jun 86 (94)  
PB86-871498/CAW COM



## Spent fuels

- \*Nuclear Fuel Reprocessing Nov 83-Nov 85 (363)  
PB86-852308/CAW EDB

## Spices

- Spice Standards 1972-Jul 85 (320)  
PB85-863629/CAW FSTA
- \*Spices: Chemical Analysis Feb 83-Mar 86 (161)  
PB86-859071/CAW FSTA

## Spot welds

- Spot Welding: Stainless Steels 1966-Oct 85 (190)  
PB85-870855/CAW METADEX

## Sprayed coatings

- \*Plasma and Flame Sprayed Coatings 1980-Feb 86 (349)  
PB86-858008/CAW Ei
- \*Plasma and Flame Sprayed Coatings Feb 80-Mar 86 (176)  
PB86-859188/CAW NTIS
- Plasma and Flame Sprayed Coatings 1970-May 86 (310)  
PB86-868726/CAW PTO
- Spray Painting 1970-May 85 (156)  
PB85-861037/CAW PTO

## Spread spectrum communications

- Spread Spectrum Communication 1975-Jul 85 (335)  
PB85-863918/CAW INSPEC
- \*Spread Spectrum Communications Aug 81-Sep 86 (220)  
PB86-875564/CAW Ei
- Spread Spectrum Communications Aug 84-Jul 86 (172)  
PB86-870524/CAW INSPEC
- Spread Spectrum Communications 1970-Aug 86 (238)  
PB86-872876/CAW NTIS
- \*Spread Spectrum Transmission Jul 85-Jun 86 (94)  
PB86-869286/CAW IAA

## Sputtering

- \*Cathode Sputtering of Thin Films Feb 83-Nov 85 (70)  
PB86-852118/CAW METADEX
- Magnetron Sputtering Applications 1976-Feb 86 (263)  
PB86-857323/CAW INSPEC
- Radiofrequency Sputtered Semiconductor Thin Films 1975-Jul 86 (218)  
PB86-870722/CAW INSPEC
- \*Reactive Ion Etching and Reactive Sputter Etching Mar 85-Jan 86 (93)  
PB86-857737/CAW INSPEC
- Sputter Coating of Tantalum and Tantalum Compounds 1976-Apr 86 (210)  
PB86-865193/CAW EDB
- Sputter Coating of Tantalum and Tantalum Compounds 1970-Apr 86 (171)  
PB86-865318/CAW Ei
- Sputter Coating of Tantalum and Tantalum Compounds 1966-1986 (331)  
PB87-852422/CAW METADEX
- Sputter Coating of Tantalum and Tantalum Compounds 1970-Apr 86 (86)  
PB86-865342/CAW NTIS

## Stain removal

- Stain Removal 1975-Feb 86 (118)  
PB86-858644/CAW WTA

## Stainless steels

- Corrosion Resistance of Stainless Steels 1973-1985 (285)  
PB86-855277/CAW ISMEC

- Protective Coatings for Stainless Steels 1966-Nov 86 (307) Excludes electrodeposited coatings  
PB87-850061/CAW METADEX
- Spot Welding: Stainless Steels 1966-Oct 85 (190)  
PB85-870855/CAW METADEX
- Stress Corrosion of Stainless Steel 1976-Oct 85 (211)  
PB85-869550/CAW INSPEC

## Standards

- ADA Programming Language: Military Standardization 1970-May 86 (66)  
PB86-867280/CAW NTIS
- Computer Network Standards 1975-Feb 86 (179)  
PB86-859741/CAW INSPEC
- \*Computer Software Standards 1983-Aug 86 (389) Covers Compiler Validation Summary Reports and General Studies  
PB86-872934/CAW NTIS
- Data Encryption Standard 1975-Jan 86 (119)  
PB86-855814/CAW INSPEC
- Electronic Mail: Standards and Protocols 1977-Feb 86 (126)  
PB86-859337/CAW INSPEC
- IEEE-488 Data Bus 1975-Apr 86 (355)  
PB86-865540/CAW INSPEC
- Safety Regulations and Standards for Ships 1974-Aug 86 (250) Excludes special watercraft such as semisubmersibles  
PB86-872538/CAW OCEANIC

## Starch

- Corn Starch: Properties and Processing 1972-Nov 86 (274)  
PB87-850301/CAW FSTA
- Modified Food Starch 1972-Feb 86 (98)  
PB86-859402/CAW FSTA

## Static inverters

- Inverter Converters 1970-Jul 86 (218)  
PB86-871241/CAW NTIS

## Stationkeeping

- Ships: Dynamic Positioning 1971-Nov 86 (88)  
PB87-850939/CAW Ei

## Statistical analysis

- Bayesian Theory 1973-May 86 (187) Includes bayesian approaches, methods, and applications to forecasting, econometrics, cost analysis, and market research  
PB86-866597/CAW MC
- Computer Computation: Statistics and Probability Theory Feb 83-Aug 86 (75)  
PB86-872884/CAW NTIS
- Quality Control: Sampling Techniques 1970-Oct 86 (255)  
PB86-877131/CAW Ei
- Quality Control: Sampling Techniques 1975-Jul 85 (168)  
PB85-865236/CAW INSPEC
- Random and Pseudorandom Number Generation 1975-May 86 (233)  
PB86-868791/CAW INSPEC
- \*Reliability: Mathematical Techniques Jun 77-Apr 86 (280) Restricted to mathematical studies  
PB86-864618/CAW NTIS
- Statistical Quality Control: Manufacturing 1977-Oct 86 (103)  
PB86-877339/CAW Ei
- Statistical Quality Control: Manufacturing 1975-Oct 86 (99)  
PB86-877016/CAW INSPEC

## Steels

- \*Abrasion Resistant Steels: Surface Hardening and Wear Jul 83-Oct 85 (73)  
PB85-871549/CAW METADEX

- \*Adhesive Bonding of Steels Nov 84-Oct 85 (63)  
PB85-869857/CAW METADEX
- Adhesive Bonding of Steels 1973-Oct 85 (232)  
PB85-869022/CAW RAPRA
- Annealing and Lubricants for the Cold Rolling of Steels 1973-Jun 85 (323)  
PB85-863223/CAW ISMEC
- Corrosion Prevention of Steels and Aluminum: Vitreous Enameling 1966-May 86 (230)  
PB86-866738/CAW METADEX
- Corrosion Resistance of Stainless Steels 1973-1985 (285)  
PB86-855277/CAW ISMEC
- Desulfurization of Steels: Calcium or Rare Earth Metal Additions 1966-May 85 (334)  
PB85-859262/CAW METADEX
- \*Die Forging of Steels and Heat Resistant Alloys Feb 85-Jan 86 (50)  
PB86-856358/CAW METADEX
- Electron Beam Welding of Steels and Alloys 1973-May 85 (213)  
PB85-859684/CAW ISMEC
- \*Hydrogen Embrittlement of Metals Apr 84-Apr 86 (194)  
PB86-862398/CAW Ei
- \*Hydrogen Embrittlement of Metals 1981-Sep 86 (239)  
PB86-874336/CAW NTIS
- \*Laser Beam Welding: Steels Oct 84-Oct 86 (139)  
PB86-876315/CAW METADEX
- Lightweight Alloys 1966-Jul 85 (68)  
PB85-865103/CAW METADEX
- Nitriding Techniques for the Hardening of Steels 1973-Oct 85 (219)  
PB85-871564/CAW ISMEC
- Protective Coatings for Stainless Steels 1966-Nov 86 (307) Excludes electrodeposited coatings  
PB87-850061/CAW METADEX
- Spot Welding: Stainless Steels 1966-Oct 85 (190)  
PB85-870855/CAW METADEX
- \*Steel Pouring Ladle Liners: Refractory Service Life Mar 84-Feb 85 (43)  
PB85-855211/CAW METADEX
- Steel Refining: Ladle Degassing 1966-Mar 85 (354)  
PB85-856425/CAW METADEX
- Stress Corrosion of Stainless Steel 1976-Oct 85 (211)  
PB85-869550/CAW INSPEC
- \*Stress Corrosion of Steel 1980-Jul 85 (95) Excludes stainless steel  
PB85-863603/CAW NTIS
- Underground Corrosion of Steels: Cathodic Protection and Protective Coatings 1966-Jul 86 (170)  
PB86-870896/CAW METADEX
- Welding of Dissimilar Metals: Aluminum and Steel 1968-Nov 85 (234)  
PB85-871598/CAW METADEX

## Steering gear

- Motor Vehicle Steering Systems 1973-May 86 (209)  
PB86-866043/CAW ISMEC

## Stepper motors

- Stepper Motors Jun 70-1985 (300)  
PB86-855194/CAW Ei
- \*Stepper Motors Mar 84-Feb 85 (84)  
PB85-855195/CAW INSPEC
- Stepping Motor Control 1970-Mar 85 (58)  
PB85-856714/CAW PTO

## Sterilization

- Food Industry: Ethylene Oxide Sterilization 1972-Feb 86 (61)  
PB86-858073/CAW FSTA



## Sterilizers

- Autoclave Design and Performance 1978-Apr 86 (108)  
PB86-865391/CAW LSC

## Stirling cycle engines

- \* Stirling Engines Nov 82-May 85 (165)  
PB85-861284/CAW EDB
- Stirling Engines Jun 74-May 85 (227)  
PB85-860807/CAW IAA

## Stochastic control

- \*Control Theory 1985-1986 (240)  
PB87-852059/CAW NTIS

## Storage batteries

- \*Lead Batteries Dec 81-1986 (236)  
PB87-852349/CAW NTIS
- \*Lithium Batteries Oct 84-Sep 86 (200)  
PB86-875408/CAW Ei
- \*Lithium Batteries Nov 81 Aug 86 (273)  
PB86-872777/CAW NTIS
- Lithium Batteries 1970-Oct 86 (72)  
PB86-876232/CAW PTO
- \*Nickel Cadmium Batteries 1977-Oct 86 (182)  
PB87-850152/CAW NTIS

## Straightness

- Flatness and Straightness Measurements 1975-Oct 85 (87)  
PB85-869063/CAW INSPEC

## Stream erosion

- \*Sediment Transport in Rivers 1978-May 85 (139) Excludes lakes and reservoirs  
PB85-858991/CAW NTIS
- Stream Erosion and Scouring Processes 1970-Aug 86 (124) Excludes sediment transport and runoff erosion studies  
PB86-873817/CAW NTIS

## Stress corrosion

- Chloride Stress Corrosion 1975-May 86 (284)  
PB86-867868/CAW EDB
- Stress Corrosion of Stainless Steel 1976-Oct 85 (211)  
PB85-869550/CAW INSPEC
- \*Stress Corrosion of Steel 1980-Jul 85 (95)  
Excludes stainless steel  
PB85-863603/CAW NTIS

## Stress cracks

- Nondestructive Ultrasonic Stress Analysis 1966-Oct 85 (187)  
PB85-869337/CAW METADEX

## Stress(Physiology)

- Cold Weather Stress on Humans 1970-Nov 86 (196)  
PB87-850830/CAW NTIS
- Decompression Sickness Physiology 1974-Aug 85 (271)  
PB85-864205/CAW OCEANIC
- Hyperbaric Medicine: Decompression Sickness 1974-Feb 86 (207)  
PB86-860715/CAW OCEANIC
- \*Stress Factors on Pilot Performance Feb 81-May 86 (131)  
PB86-868833/CAW NTIS
- Zero Gravity and Microgravity Effects in Aerospace Biophysics and Exobiology 1978-May 85 (67)  
PB85-861334/CAW INSPEC

## Stress(Psychology)

- Computer Use and Office Automation: Computer Phobia 1983-Jul 86 (128)  
PB86-872215/CAW COM

- Effects of Remote, Isolated, or Confined Areas on Humans 1970-Mar 86 (137)  
PB86-862976/CAW NTIS
- Job Stress: Occurrence and Prevention 1974-Jul 86 (102)  
PB86-873148/CAW MC
- Psychological Effects of Space Flight 1972-Apr 86 (129)  
PB86-866852/CAW IAA

## Strip mining

- Strip Mining: Hydrology 1977-Jan 86 (263)  
PB86-857257/CAW SWRA
- Strip Mining: Impacts on Water Resources 1977-Mar 86 (196)  
PB86-861564/CAW SWRA

## Strip transmission lines

- \*Strip Transmission Lines Nov 84-Oct 85 (137)  
PB85-870541/CAW Ei
- \*Strip Transmission Lines 1979-Aug 85 (303)  
PB85-865814/CAW NTIS

## Structural analysis

- Finite Element Analysis: Computerized, Two-Dimensional 1972-Oct 85 (362)  
PB85-869873/CAW IAA
- Foundation Engineering: Finite Element Analysis 1970-Nov 84 (224)  
PB85-850469/CAW Ei
- Saint venant's Principle: Theory and Applications 1975-Apr 86 (150)  
PB86-862067/CAW INSPEC
- Saint Venant's Principle: Theory and Applications 1970-Apr 86 (67)  
PB86-862059/CAW Ei
- \*Structural Mechanics Software Nov 82-Aug 86 (397) Excludes Nastran  
PB86-872850/CAW NTIS
- Structural Mechanics Software: Nastran 1974-Jul 85 (183)  
PB85-864247/CAW IAA
- Structural Mechanics Software: Nastran 1970-Jan 86 (334)  
PB86-855996/CAW NTIS

## Structured programming

- Structured Programming 1970-1986 (311)  
PB87-852430/CAW NTIS

## Structures

- \*Bridges: Construction and Construction Materials 1978-May 86 (201)  
PB86-868882/CAW NTIS
- Computer Aided Design and Manufacturing: Civil Engineering and Construction 1970-Jun 86 (386)  
PB86-870805/CAW NTIS
- \*Corrosion of Reinforced Concrete 1978-1986 (385)  
PB87-853263/CAW Ei
- \*Corrosion of Reinforced Concrete Feb 82-Sep 86 (131)  
PB86-875101/CAW NTIS
- \*Earthquake Engineering: Buildings, Bridges, Dams, and Related Structures Mar 83-Nov 86 (299)  
PB87-850731/CAW NTIS
- Soil Structure Interactions 1970-Jan 86 (227)  
Excludes earthquake engineering and structures in snow and permafrost  
PB86-855251/CAW NTIS

## Styrene resins

- \*Butadiene-Styrene Copolymers: Properties and Applications Aug 84-Oct 86 (370)  
PB86-877255/CAW RAPRA
- Styrenes: Industrial Health Hazards 1977-Nov 85 (179)  
PB85-871879/CAW RAPRA

- Thermoplastic Elastomers: Styrene Resins 1977-Nov 85 (303)  
PB85-871945/CAW RAPRA

## Submarine detection

- Submarine Detection Equipment Jun 70-1986 (263)  
PB87-852919/CAW NTIS

## Submersibles

- Deep Sea Mining: Equipment and Techniques 1974-Jun 86 (329)  
PB86-862273/CAW OCEANIC
- Manned Submersibles for Deep Ocean Exploration and Offshore Operations 1974-1985 (153)  
PB86-856333/CAW OCEANIC
- Submersible and Semisubmersible Vessels Jun 70-Jul 86 (299)  
PB86-871183/CAW Ei

## Submicroelectronics

- Submicron Technology: Chip Manufacture and Characteristics 1972-Oct 86 (248)  
PB86-877347/CAW Ei
- Submicron Technology: Circuit Analysis and Design 1975-Oct 85 (162)  
PB85-872646/CAW INSPEC
- Submicron Technology: Circuit Fabrication 1975-Oct 86 (394)  
PB86-876489/CAW INSPEC
- Submicron Technology: Circuit Testing and Performance 1975-Oct 86 (129)  
PB86-877354/CAW INSPEC
- Submicron Technology: Semiconductor Epitaxy 1975-Oct 86 (77)  
PB87-850020/CAW INSPEC

## Substrates

- Multilayer Ceramic Substrates 1975-Apr 86 (96)  
PB86-863610/CAW INSPEC

## Sulfate reducing bacteria

- Bacterial Corrosion and Protection of Metals 1970-1985 (257)  
PB86-853082/CAW METADEX

## Sulfur dioxide

- \*Gas Scrubbers Used in Pollution Control 1979-Mar 86 (331)  
PB86-859915/CAW Ei
- \*Sulfur Dioxide Control Nov 81-Apr 86 (362)  
Excludes fuel desulfurization  
PB86-867967/CAW NTIS

## Sunscreens

- Sunscreens 1970-May 86 (67)  
PB86-870318/CAW PTO

## Superalloys

- Nickel Superalloys 1970-Mar 86 (91)  
PB86-861713/CAW PTO
- Superalloy Coatings 1970-Nov 85 (72)  
PB86-851912/CAW PTO
- \*Superalloys Feb 84-Apr 86 (296)  
PB86-863602/CAW Ei
- Superalloys: Performance and Applications 1973-Nov 86 (218)  
PB87-850053/CAW ISMEC

## Superchargers

- \*Engine Turbochargers and Superchargers Sep 83-Feb 86 (307)  
PB86-860731/CAW EDB

## Supercomputers

- Fifth Generation Computers 1983-1986 (169)  
PB87-853313/CAW COM



- Fifth Generation Computers 1977-Sep 86 (247)  
PB86-875259/CAW INSPEC
- Supercomputers 1972-Aug 86 (180)  
PB86-872603/CAW IAA
- \*Supercomputers Dec 85-Nov 86 (191)  
PB87-851598/CAW INSPEC
- Supercomputers: Market Aspects 1983-May 86 (127) Excludes supermicros  
PB86-868908/CAW COM
- Supermicrocomputers 1975-Nov 85 (66)  
PB86-850260/CAW INSPEC

## Superconducting generators

- Superconducting Generators and Alternators 1976-May 86 (337)  
PB86-866639/CAW EDB

## Superconductors

- Heavy Fermion Superconducting Materials 1975-May 86 (143)  
PB86-867322/CAW INSPEC
- Nondestructive Testing for Microelectronics, Semiconductors, and Superconductors 1972-May 86 (137)  
PB86-864717/CAW IAA
- Nondestructive Testing for Microelectronics, Semiconductors, and Superconductors 1970-Jan 86 (218)  
PB86-857760/CAW NTIS
- Superconductive Materials and Devices 1970-Jul 85 (250)  
PB85-865079/CAW PTO

## Superluminescent diodes

- Superluminescent Diodes and Lasers 1975-Feb 86 (62)  
PB86-860400/CAW INSPEC

## Superplasticity

Superplastic Alloys: Properties and Microstructure 1979-Sep 85 (177)  
PB85-869287/CAW METADEX

Superplastic Forming 1979-Sep 85 (208)  
PB85-868701/CAW METADEX

## Suppressors

- Computer Systems Protection: Surge Suppressors 1983-Aug 86 (87)  
PB86-875051/CAW COM
- Echo Suppression and Cancellation in Telecommunication Systems 1977-Aug 85 (117)  
PB85-866358/CAW INSPEC
- \*Lightning, Surge, and Transient Protection Dec 82-Aug 86 (180) Excludes electromagnetic shielding  
PB86-872801/CAW NTIS

## Surface chemistry

- \*Electrochemical Reactions at Surfaces 1976-May 85 (352)  
PB85-861300/CAW NTIS

## Surface effect

Surface Effect Vehicles for Marine Environments 1974-Oct 85 (255)  
PB85-871432/CAW OCEANIC

## Surface hardening

- \*Abrasion Resistant Steels: Surface Hardening and Wear Jul 83-Oct 85 (73)  
PB85-871549/CAW METADEX
- Nitriding Techniques for the Hardening of Steels 1973-Oct 85 (219)  
PB85-871564/CAW ISMEC
- Surface Hardening of Metals: Ion Nitriding 1977-Oct 85 (299)  
PB85-870889/CAW METADEX
- \*Surface Hardening Methods for the Prevention of Abrasive Wear Oct 83-Sep 85 (143)  
PB85-867331/CAW METADEX

## Surface waves

- \*Acoustic Surface Waves 1984-Mar 86 (174)  
PB86-865599/CAW Ei
- \*Acoustic Surface Waves Apr 76-Apr 86 (335)  
PB86-863123/CAW NTIS
- Piezoelectric Transducers: Surface Acoustic Wave Devices 1976-Oct 86 (111)  
PB86-875978/CAW IAA
- Surface Acoustic Wave Devices: Acoustic Delay Lines 1975-Feb 86 (350)  
PB86-859089/CAW INSPEC

## Surfaces

- Abrasive Cleaning of Metal Surfaces 1966-1986 (360)  
PB87-852406/CAW METADEX
- Analysis of Solid Surfaces Jun 70-May 86 (327)  
PB86-864386/CAW NTIS
- Fiberglass Blistering 1973-Jan 86 (52)  
PB86-855889/CAW RAPRA
- Holographic Interferometry in Surface Analysis 1975-May 86 (76)  
PB86-869336/CAW INSPEC
- \*Nondestructive Testing of Surfaces, Coatings, and Paints 1983-1985 (349)  
PB86-854460/CAW EDB
- Nondestructive Testing of Surfaces, Coatings, and Paints 1970-May 86 (160)  
PB86-868478/CAW Ei
- \*Nondestructive Testing of Surfaces, Coatings, and Paints 1983-Aug 86 (139)  
PB86-873999/CAW IAA
- Nondestructive Testing of Surfaces, Coatings, and Paints Dec 83-Nov 86 (86)  
PB87-851143/CAW NTIS
- Scanning Tunneling Microscopy 1975-May 86 (72)  
PB86-867934/CAW INSPEC
- Splines in Surface Representation 1975-Oct 86 (92)  
PB86-876299/CAW INSPEC
- Surface Alloying 1975-May 85 (250)  
PB85-860351/CAW INSPEC
- Surface Alloying 1966-Nov 85 (345)  
PB86-852522/CAW METADEX
- Textiles in Sports Surfaces 1977-Apr 86 (71)  
PB86-866845/CAW WTA

## Surfactants

- Surfactants in Microemulsions 1970-Aug 86 (93)  
PB86-874633/CAW Ei

## Surgery

- Biocompatibility of Surgical and Dental Implant Materials 1974-Nov 85 (171)  
PB85-872695/CAW Ei
- Biocompatibility of Surgical and Dental Implant Materials 1970-Apr 86 (217)  
PB86-866860/CAW NTIS
- Electrosurgical Methods and Equipment 1970-Oct 86 (128)  
PB87-850681/CAW PTO
- Metal Surgical and Dental Implants 1969-Feb 86 (326)  
PB86-858933/CAW METADEX
- Surgical Staples and Staple Machines 1970-Jun 86 (91)  
PB86-870771/CAW PTO
- Textiles with Surgical Applications 1975-Jul 86 (230)  
PB86-871696/CAW WTA
- Urethanes in Surgical Applications 1973-1986 (256)  
PB87-852612/CAW RAPRA

## Surveying instruments

Surveying Instruments 1970-Apr 85 (306)  
PB85-858082/CAW Ei

Surveying Instruments and Systems 1976-May 85 (144)

PB85-860930/CAW INSPEC

## Survival

- Nuclear Warfare: Survival 1970-Feb 86 (294)  
PB86-858339/CAW NTIS

## Survival clothing

- \*Protective Clothing: Survival, Aircraft, and Combat Environments Aug 81-Nov 86 (200)  
PB87-850699/CAW NTIS

## Suspension systems(Vehicles)

- Auto and Truck Suspension Systems Jun 70-Nov 85 (331)  
PB85-872299/CAW Ei
- Motor Vehicle Suspension Systems: Vibrational Effects and Stability 1973-1985 (271)  
PB86-855004/CAW ISMEC

## Sweetening agents

- Aspartame in Foods 1972-Aug 86 (101)  
PB86-872959/CAW FSTA
- Saccharin in Foods 1972-Aug 85 (270)  
PB85-866408/CAW FSTA
- Sorbitol, Mannitol, and Xylitol in Foods 1972-May 86 (330)  
PB86-868841/CAW FSTA

## Swimming

- Disinfectants: Chlorine and Chlorine Dioxide 1978-Jan 86 (200)  
PB86-856424/CAW LSC

## Switching circuits

- Crossbar Switching: Telecommunication Networks and Equipment 1975-Sep 86 (166)  
PB86-874732/CAW INSPEC
- Membrane Switches 1970-Sep 86 (145)  
PB86-874971/CAW PTO
- Optical Switches 1970-Feb 86 (85)  
PB86-857521/CAW PTO

## Synthesis(Chemistry)

- Disinfectants: Phenolic Compounds 1978-Nov 85 (143)  
PB86-852225/CAW LSC
- Organosilicon Chemistry and Compounds 1972-Jul 86 (214) Excludes metal containing organic compounds  
PB86-870797/CAW RAPRA
- Photopolymerization 1970-Nov 86 (278)  
PB87-850368/CAW Ei
- \*Polycarbonates: Properties, Synthesis, and Applications 1977-Mar 86 (246)  
PB86-860590/CAW NTIS
- Polymeric Reagents 1973-Aug 86 (97)  
PB86-874989/CAW RAPRA
- Urethane Copolymers 1977-1985 (158)  
PB86-855806/CAW RAPRA

## Synthetic aperture radar

- Side Looking Radar 1970-Jul 86 (231)  
PB86-871738/CAW NTIS
- Synthetic Aperture Radar: Remote Sensing 1976-Oct 86 (192)  
PB86-877156/CAW INSPEC

## Synthetic fuels

- Biomass Conversion 1974-1984 (366)  
PB85-852937/CAW Ei
- \*Biomass Conversion from Agricultural Sources Mar 84-Mar 86 (328)  
PB86-859493/CAW EDB
- \*Biosynthesis in Biomass Conversion Feb 84-May 85 (128)  
PB85-859296/CAW EDB



- Coal Conversion Processes: Flash Hydrolysis Process 1976-1985 (215)  
PB86-866457/CAW EDB
- Coal Conversion: Sasol Processes 1976-May 85 (217)  
PB85-861144/CAW EDB
- Developing Countries: Bioconversion Technology 1979-May 85 (124)  
PB85-861243/CAW EDB
- Supercritical Gas Extraction of Liquids from Coal 1976-Feb 85 (283)  
PB85-855674/CAW EDB

## Synthetic gems

- Synthetic Crystals Jun 70-Jun 85 (253)  
PB85-863512/CAW Ei

## Systems analysis

- Energy Forecasting: Systems Analysis 1976-Aug 86 (278)  
PB86-873478/CAW EDB
- \*Operations Research Applied to Maintenance and Repair Nov 84-Oct 86 (180)  
PB86-876505/CAW NTIS
- Operations Research Applied to Military Systems Jun 70-Jul 86 (370)  
PB86-871225/CAW NTIS
- Systems Analysis/Operations Research: Transportation Systems 1970-Feb 86 (138)  
PB86-861408/CAW Ei

## Tachyons

- Faster Than Light: Communication, Wave Packets, and Particles 1976-Jan 86 (114)  
PB86-856739/CAW EDB
- Faster Than Light: Communication, Wave Packets, and Particles 1975-Jan 86 (249)  
PB86-856606/CAW INSPEC

## Tantalum

- Sputter Coating of Tantalum and Tantalum Compounds 1976-Apr 86 (210)  
PB86-865193/CAW EDB
- Sputter Coating of Tantalum and Tantalum Compounds 1966-1986 (331)  
PB87-852422/CAW METADEX
- Sputter Coating of Tantalum and Tantalum Compounds 1970-Apr 86 (86)  
PB86-865342/CAW NTIS

## Tantalum compounds

- Sputter Coating of Tantalum and Tantalum Compounds 1976-Apr 86 (210)  
PB86-865193/CAW EDB
- Sputter Coating of Tantalum and Tantalum Compounds 1970-Apr 86 (171)  
PB86-865318/CAW Ei
- Sputter Coating of Tantalum and Tantalum Compounds 1966-1986 (331)  
PB87-852422/CAW METADEX
- Sputter Coating of Tantalum and Tantalum Compounds 1970-Apr 86 (86)  
PB86-865342/CAW NTIS

## Tape recording

- Entertainment Appliances: Home and Commercial Video Tape Recorders 1970-Apr 86 (357)  
PB86-866001/CAW Ei
- \*Magnetic Recording Tape Feb 85-Jan 86 (66)  
PB86-856887/CAW Ei

## Tar sands

- \*Tar Sands: Crude Oil Extraction Processes Sep 82-Aug 85 (263)  
PB85-866333/CAW EDB

## Taste

- Coffee: Organoleptic Properties 1972-Jun 85 (209)  
PB85-861979/CAW FSTA

- Food Tasting Panels 1972-Apr 86 (175)  
PB86-865953/CAW FSTA

## Tea

- Beverage Flavors: Coffee and Tea 1972-Aug 86 (198)  
PB86-873585/CAW FSTA
- Infusion Methods, Apparatus, and Bags For Coffee and Tea 1972-Apr 86 (80)  
PB86-867264/CAW FSTA

## Teaching methods

- Computer Aided Instruction Jun 70-Oct 86 (345)  
PB86-877263/CAW Ei
- \*Computer Aided Instruction Mar 85-Feb 86 (210)  
PB86-857901/CAW NTIS
- \*Simulators in Education and Training Jul 82-Mar 86 (376)  
PB86-863479/CAW NTIS

## Technical assistance

- \*Small Businesses: Financial and Technical Assistance Jun 84-Apr 86 (53)  
PB86-863560/CAW NTIS

## Technical writing

- Technical Writing 1971-Apr 86 (141)  
PB86-862190/CAW Ei

## Technology transfer

- Aerospace Technology Transfer 1970-Oct 85 (245)  
PB85-869121/CAW NTIS
- Technology Transfer 1970-Nov 85 (321)  
PB85-871374/CAW Ei
- \*Technology Transfer: General and Theoretical Studies Feb 85-Jan 86 (73)  
PB86-858131/CAW NTIS

## Tectonics

- Very Long Baseline Interferometry in Geophysics and Geodesy 1975-Apr 86 (53)  
PB86-863263/CAW INSPEC

## Telecommunication

- Adaptive Differential Pulse Code Modulation-ADPCM Dec 75-Jan 86 (219)  
PB86-854965/CAW INSPEC

## Telecommunication

- Adaptive Communication 1970-Oct 86 (259)  
PB86-877107/CAW NTIS
- AM Stereo Broadcasting and Receivers 1976-Apr 86 (64)  
PB86-864295/CAW INSPEC
- AM Stereo Broadcasting and Receivers 1970-Apr 86 (82)  
PB86-864287/CAW PTO
- Computer Networks: Data Communication Architecture and Development 1975-Mar 86 (286)  
PB86-862703/CAW INSPEC
- Crossbar Switching: Telecommunication Networks and Equipment 1975-Sep 86 (166)  
PB86-874732/CAW INSPEC
- Data and Voice Packets in Communication Systems 1970-Jul 86 (119)  
PB86-872272/CAW PTO
- Data Communication Networks 1970-1985 (111)  
PB86-853512/CAW PTO
- \*Digital Communication Systems: Coding and Decoding Sep 84-Aug 86 (106)  
PB86-872579/CAW Ei
- \*Digital Communication Systems: Interference Jul 83-Jun 86 (141)  
PB86-869179/CAW Ei
- \*Digital Communication Systems: Multiplexing and Switching Jul 83-Jul 86 (275)  
PB86-870565/CAW Ei
- Echo Suppression and Cancellation in Telecommunication Systems 1977-Aug 85 (117)  
PB85-866358/CAW INSPEC
- Error Correction Codes: Communication Systems 1975-Jun 86 (223)  
PB86-869294/CAW INSPEC
- Ethernet Communication Networks 1978-1986 (155)  
PB87-853156/CAW INSPEC
- \*Facsimile Communication 1984-Apr 86 (142)  
PB86-862463/CAW INSPEC
- Facsimile Communication Jun 70-Jul 86 (208)  
PB86-872165/CAW NTIS
- Facsimile Transmission 1976-May 86 (287)  
PB86-867892/CAW PIRA
- Fiber Optic Communication Systems and Equipment 1975-Oct 86 (346)  
PB86-876844/CAW INSPEC
- Frequency Allocation: Mobile Radio and Radiocommunications 1975-Nov 84 (140)  
PB85-850659/CAW INSPEC
- Frequency Allocation: Radio and Television Broadcasting 1975-Mar 86 (107)  
PB86-861739/CAW INSPEC
- Frequency Modulation Receivers and Tuners 1975-Mar 86 (350)  
PB86-861309/CAW INSPEC
- Frequency Shift Keying 1970-Jul 85 (184)  
PB85-862381/CAW PTO
- Frequency Shift Keying: Communications Systems 1971-Mar 86 (86)  
PB86-861341/CAW Ei
- Infrared Communications Jun 70-Jan 86 (270)  
PB86-857620/CAW Ei
- \*Infrared Communications Mar 82-Mar 86 (200)  
PB86-863388/CAW INSPEC
- Integrated Communication Networks 1975-Apr 86 (113) Excludes integrated service digital networks and voice/data communication systems  
PB86-866779/CAW INSPEC
- Integrated Service Digital Network 1970-1986 (197)  
PB87-853198/CAW Ei
- Integrated Services Digital Networks: Market Aspects 1983-Jun 86 (77)  
PB86-871217/CAW COM
- Intelligent Buildings: Shared Multitenant Telecommunications Services Dec 83-Jul 86 (105)  
PB86-871308/CAW COM
- IBM System Network Architecture: Market Aspects 1983-Jun 86 (135)  
PB86-871134/CAW COM
- Land Mobile Communications 1970-Nov 86 (245)  
PB87-850723/CAW NTIS
- Local Computer Networks: Office Automation and Communication 1981-Mar 86 (152)  
PB86-862372/CAW INSPEC
- \*Microcomputers: Telecommunication Applications Nov 81-Aug 85 (376)  
PB85-866267/CAW Ei
- \*Microwave Communications Aug 81-Sep 85 (151)  
PB85-868560/CAW NTIS
- Microwave Link Design 1975-Aug 85 (174)  
PB85-866895/CAW INSPEC
- Mobile Telephone and Paging Systems Jun 70-Jun 86 (281)  
PB86-869773/CAW Ei
- Modems: Frequency Shift Keying Systems 1975-Sep 85 (87)  
PB85-867208/CAW INSPEC
- Modems: Phase Shift Keying Systems 1975-Aug 86 (138)  
PB86-872660/CAW INSPEC
- Multiplexing in Aircraft Jun 74-Oct 85 (157)  
PB85-872745/CAW IAA



- Optical Data Bus Networks 1975-Jul 86 (155)  
PB86-870516/CAW INSPEC
- Packet Switched Military Data Network: ARPA Network 1975-Mar 86 (162)  
PB86-859097/CAW INSPEC
- Packet Switched Public Data Network: Euronet 1976-Mar 85 (145)  
PB85-856383/CAW INSPEC
- Packet Switched Public Data Networks: European 1976-Jun 85 (163)  
PB85-862480/CAW INSPEC
- Packet Switched Public Data Networks: North American 1975-Apr 86 (178) Excludes ARPA network  
PB86-862851/CAW INSPEC
- Packet Switched Public Networks: Japanese DDX 1975-Mar 85 (127)  
PB85-856391/CAW INSPEC
- Packet Switching Protocol X.25 1977-Mar 86 (346)  
PB86-859113/CAW INSPEC
- Paging Equipment 1970-Feb 86 (105)  
PB86-860319/CAW PTO
- Radio Communication Systems 1970-Oct 85 (203)  
PB85-870160/CAW PTO
- Satellite Digital Communication Systems 1970-Jun 86 (230)  
PB86-869161/CAW Ei
- Satellite Networks 1975-Mar 86 (98)  
PB86-861051/CAW INSPEC
- Short-Wave Radio Receivers 1975-Feb 85 (137)  
PB85-855286/CAW INSPEC
- Spread Spectrum Communication 1975-Jul 85 (335)  
PB85-863918/CAW INSPEC
- \*Spread Spectrum Communications Aug 81-Sep 86 (220)  
PB86-875564/CAW Ei
- Spread Spectrum Communications Aug 84-Jul 86 (172)  
PB86-870524/CAW INSPEC
- Spread Spectrum Communications 1970-Aug 86 (238)  
PB86-872876/CAW NTIS
- \*Spread Spectrum Transmission Jul 85-Jun 86 (94)  
PB86-869286/CAW IAA
- Telecommunication in Medicine 1970-May 86 (154)  
PB86-870433/CAW NTIS
- \*Telecommunication: Economic Studies 1979-Sep 85 (218)  
PB85-867778/CAW NTIS
- Telecommuting 1983-Jun 86 (147)  
PB86-871787/CAW COM
- Teleshopping 1983-Jun 86 (264)  
PB86-871779/CAW COM
- Teletext and Teleconferencing 1970-Jul 85 (53)  
PB85-865285/CAW PTO

### Teleconferencing

- Organizational Communications Jul 75-May 86 (368)  
PB86-866183/CAW NTIS
- Teleconferencing 1970-May 85 (112) Excludes medical teleconsultation  
PB85-859486/CAW NTIS
- Teletext and Teleconferencing 1970-Jul 85 (53)  
PB85-865285/CAW PTO
- Videoconferencing 1975-Oct 86 (108)  
PB86-875358/CAW INSPEC
- Videoconferencing and Videotelephones 1970-Mar 86 (158)  
PB88-861317/CAW Ei

### Telephone systems

- \*Cellular Radio Mar 85-Mar 86 (175)  
PB86-859683/CAW INSPEC

- Crossbar Switching: Telecommunication Networks and Equipment 1975-Sep 86 (166)  
PB86-874732/CAW INSPEC
- Digital Private Branch Exchange - Digital PBX 1975-Jan 86 (187)  
PB86-858388/CAW INSPEC
- Electronic Telephone Exchanges 1975-Mar 86 (303)  
PB86-861614/CAW INSPEC
- Mobile Communications: Privacy and Security 1975-Apr 86 (50)  
PB86-866233/CAW INSPEC
- Mobile Telephone and Paging Systems Jun 70-Jun 86 (281)  
PB86-869773/CAW Ei
- \*Private Branch Exchange (PBX) Mar 85-Mar 86 (106)  
PB86-859063/CAW INSPEC
- Private Branch Exchanges 1970-Jan 86 (56)  
PB86-855616/CAW PTO
- Telephone Answering and Recording Devices 1970-Nov 85 (227)  
PB86-851219/CAW PTO
- Telephone Answering Machines 1970-Mar 86 (285)  
PB86-861820/CAW PTO
- Telephone Communications: Technological Forecasting 1979-Oct 86 (252)  
PB86-876927/CAW INSPEC
- Videoconferencing and Videotelephones 1970-Mar 86 (158)  
PB86-861317/CAW Ei
- Voice Mail 1975-May 86 (119)  
PB86-868932/CAW INSPEC

### Telescopes

- Astronomical Telescopes: Performance Evaluation 1972-Mar 85 (181)  
PB85-856573/CAW IAA
- Telescopes Aboard Spacecraft 1970-Mar 85 (202)  
PB85-856334/CAW Ei

### Television

- Cable Television 1970-Jun 85 (110)  
PB85-861797/CAW PTO

### Television systems

- Color Television Receivers: Servicing, Maintenance, and Reliability 1975-Jan 85 (366)  
PB85-854529/CAW INSPEC
- Digital Television 1975-Apr 86 (107)  
PB86-863701/CAW INSPEC
- Frequency Allocation: Radio and Television Broadcasting 1975-Mar 86 (107)  
PB86-861739/CAW INSPEC
- High Definition Television: Transmission and Equipment Development 1977-Oct 86 (296)  
PB86-876406/CAW INSPEC
- Home Video Transactions 1975-Feb 86 (164)  
PB86-857455/CAW INSPEC
- Microcomputers: Coding Applications for Television Transmission 1970-Aug 85 (104)  
PB85-867760/CAW Ei
- Television Receiving Antennas 1975-May 86 (218)  
PB86-868734/CAW INSPEC
- Video Bandwidth Compression 1975-Mar 85 (85)  
PB85-857027/CAW INSPEC

### Temperature measurement

- Temperature Measurement: Technology and Standards 1975-Nov 85 (246)  
PB86-851938/CAW INSPEC

### Thermal batteries

- Thermal Batteries 1970-Feb 86 (140)  
PB86-859162/CAW NTIS

### Terminal care

- Hospices and Care of the Terminally Ill 1970-Aug 86 (160)  
PB86-874146/CAW NTIS

### Terrain avoidance

- Terrain-Following and Forward-Looking Radars 1970-Oct 86 (288)  
PB86-875903/CAW NTIS

### Terrorism

- Terrorism 1970-Sep 86 (128)  
PB86-875465/CAW NTIS

### Test equipment

- Built-In Test Equipment for Electronic Systems 1975-Jan 86 (166)  
PB86-855350/CAW INSPEC
- Built-In Test Equipment for Electronic Systems 1970-Apr 86 (82)  
PB86-864246/CAW NTIS
- Burn-In Testing of Electronic Components 1975-Apr 86 (88)  
PB86-864014/CAW INSPEC
- Time Domain Reflectometry: Testing and Fault Location 1975-Aug 86 (138)  
PB86-874682/CAW INSPEC

### Text editing

- Text Editing 1975-Sep 85 (185)  
PB85-868123/CAW INSPEC
- Text Editing 1970-May 86 (193)  
PB86-866175/CAW NTIS
- \*Word Processing: Management, Training, and Personnel Oct 83-Nov 84 (120)  
PB85-850915/CAW INSPEC
- Word Processors: Wordstar 1975-Oct 85 (115)  
PB85-871796/CAW INSPEC

### Textile industry

- Color Measurement in the Textile Industry 1977-Nov 85 (216)  
PB86-852183/CAW WTA

### Textile machinery

- Automatik Control in Textile Dyeing and Finishing 1983-Nov 85 (109)  
PB86-851961/CAW WTA
- Blending Machines for Natural and Synthetic Fibers 1975-Apr 86 (175)  
PB86-864931/CAW WTA
- Robotics in the Textile Industry 1977-Aug 86 (95)  
PB86-872744/CAW WTA

### Textile processes

- Antimicrobial Agents for Textiles 1970-Mar 86 (109)  
PB86-861929/CAW PTO
- Automatik Control in Textile Dyeing and Finishing 1983-Nov 85 (109)  
PB86-851961/CAW WTA
- Computer Aided Textile Manufacturing 1975-Sep 85 (151)  
PB85-867893/CAW WTA
- Dyes and Dyeing of Textiles Jun 70-Aug 86 (201)  
PB86-873445/CAW NTIS
- Fusible Interlinings 1975-Feb 86 (176)  
PB86-859527/CAW WTA
- Industrial Fabrics 1975-Feb 86 (248)  
PB86-859881/CAW WTA
- Manufacture of Braided Fabrics 1975-Aug 85 (200)  
PB85-866648/CAW WTA
- Permanent Press Fabrics 1978-Sep 86 (265)  
PB86-876067/CAW WTA



Three Dimensional Pattern Effects for Textiles and Fabrics 1975-Jul 85 (120)  
PB85-865202/CAW WTA

Waste Heat Recovery: Textile Industry 1983-Aug 85 (63)  
PB85-865780/CAW WTA

## Textiles

Adhesive Bonding of Textiles 1975-Aug 85 (290)  
PB85-866044/CAW WTA

- Antimicrobial Agents for Textiles 1975-Feb 86 (350)  
PB86-858404/CAW WTA

- \*Antistatic Treatments for Textile Materials Sep 81-Apr 86 (218)  
PB86-866431/CAW WTA

- Antistatics in Textiles and Fabrics 1970-Aug 86 (150)  
PB86-873064/CAW PTO

Building Textiles 1975-Sep 85 (292)  
PB85-867463/CAW WTA

Disposable Fabrics 1970-Jul 85 (86)  
PB85-863694/CAW PTO

- Fabric Reinforced Composites 1975-Jun 86 (296)  
PB86-870623/CAW WTA

- Fibers and Textiles: Fire Resistance Dec 79-1986 (242) Includes fiber preparation and additives, standards, textile burning studies, and consumer aspects  
PB87-852208/CAW Ei

- Fire Resistant Fabrics 1975-Feb 86 (119)  
PB86-858651/CAW WTA

Flame Retardant Textiles 1970-Apr 85 (136)  
PB85-857316/CAW PTO

- Fusible Interlinings 1975-Feb 86 (176)  
PB86-859527/CAW WTA

Geotextiles 1983-May 85 (81)  
PB85-860898/CAW NTIS

Monoazo Dyes for Textiles and Fabrics 1976-Jul 85 (200)  
PB85-865210/CAW WTA

- \*Paper, Textiles, and Board Flameproofing 1983-Nov 84 (214)  
PB85-851368/CAW IPC

- Stain Removal 1975-Feb 86 (118)  
PB86-858644/CAW WTA

- Textile Marketing 1983-Feb 86 (124)  
PB86-859428/CAW WTA

- Textiles in Sports Surfaces 1977-Apr 86 (71)  
PB86-866845/CAW WTA

- Textiles with Surgical Applications 1975-Jul 86 (230)  
PB86-871696/CAW WTA

- Toxic and Biomedical Effects of Textiles and Textile Production 1975-Mar 86 (194)  
PB86-862570/CAW WTA

## Thermal analysis

- Nondestructive Testing: Infrared Techniques 1970-Aug 86 (196)  
PB86-873114/CAW Ei

## Thermal batteries

- \*Lithium Batteries Oct 84-Sep 86 (200)  
PB86-875408/CAW Ei

- \*Lithium Batteries Nov 81 Aug 86 (273)  
PB86-872777/CAW NTIS

- Lithium Batteries 1970-Oct 86 (72)  
PB86-876232/CAW PTO

- Magnesium Batteries 1970-Mar 86 (61)  
PB86-864162/CAW Ei

## Thermal control

- \*Heat Pipes Aug 85-Jul 86 (72)  
PB86-871886/CAW NTIS

Heat Pipes 1970-Nov 85 (229)  
PB85-872562/CAW PTO

## Thermal energy storage

- Thermal Energy Storage May 83-Aug 85 (285)  
PB85-868511/CAW NTIS

- Thermal Energy Storage: Glauber's Salt 1976-Apr 86 (154)  
PB86-864733/CAW EDB

## Thermal insulation

- High Temperature Insulation Jun 76-Jul 86 (181) Includes thermal and electrical insulation  
PB86-872108/CAW EDB

- High Temperature Insulation Jun 70-Nov 86 (133) Includes thermal and electrical insulation  
PB87-851127/CAW Ei

- Insulated Packaging 1982-1986 (47)  
PB87-852976/CAW PSTA

- Insulating Coatings (Excluding Electrical Insulation 1980-Apr 86 (139)  
PB86-866688/CAW WSC

Pipeline Insulation: Heat Loss and Corrosion Prevention 1972-Nov 85 (157)  
PB85-871986/CAW Ei

Pipeline System Insulation: Thermal Insulation and Corrosion Prevention 1976-Nov 85 (266)  
PB86-851060/CAW RAPRA

- \*Thermal Insulating Materials Oct 83-Sep 86 (180)  
PB86-875168/CAW ISMEC

- \*Thermal Insulation for Buildings Sep 82-May 86 (202)  
PB86-868320/CAW Ei

- \*Thermal Insulation for Residential Homes Sep 82-May 86 (329)  
PB86-869039/CAW NTIS

## Thermionic converters

- Space Nuclear Reactor Electric Power 1976-Jul 86 (127)  
PB86-872306/CAW EDB

- Space Nuclear Reactor Electric Power 1972-Jul 86 (108)  
PB86-872314/CAW IAA

## Thermionic emission

- Thermionic Cathodes 1972-Nov 85 (134)  
PB86-852142/CAW IAA

- \*Thermionic Cathodes May 85-Apr 86 (68)  
PB86-863750/CAW INSPEC

## Thermoplastic resins

- Extrusion Blow Molding of Thermoplastics 1973-Apr 86 (248)  
PB86-865748/CAW RAPRA

- Flame Retardant Plastics and Elastomers (Excluding Foams) Oct 83-Sep 86 (318) Excludes flame retardant plastic foams  
PB86-875457/CAW RAPRA

- Heat Treatment of Thermoplastics and Thermosets 1973-Jul 86 (271)  
PB86-870748/CAW RAPRA

- Polyether-Etherketon Materials 1973-Apr 86 (120)  
PB86-863982/CAW RAPRA

- Thermoplastic Interpenetrating Polymer Networks 1973-Jan 86 (54)  
PB86-856721/CAW RAPRA

Thermoplastic Laminates and Foams 1970-Sep 85 (92)  
PB85-868594/CAW PTO

- Thermoplastic Packaging 1982-Mar 86 (170)  
PB86-863206/CAW PSTA

Thermoplastics and Elastomers: Melt Flow Indices 1973-Mar 85 (239)  
PB85-857530/CAW RAPRA

## Thick films

- Thick Film Compositions and Devices 1970-May 86 (167) Refers mainly to electronic components  
PB86-868775/CAW PTO

- \*Thick Films 1983-Feb 86 (298) Includes electronic applications  
PB86-860079/CAW Ei

- \*Thick Films May 83-May 85 (64) Electronics applications  
PB85-860823/CAW NTIS

- Thick Films: Electronic Applications 1974-Jun 86 (266)  
PB86-869567/CAW IAA

## Thickeners (Materials)

- Thickeners and Gelling Agents in Foods 1972-May 86 (348)  
PB86-864683/CAW FSTA

## Thin films

Amorphous Alloys: Magnetic Films 1971-Jun 85 (127)  
PB85-862274/CAW METADEX

Amorphous Silicon Thin Films 1970-Jun 85 (352)  
PB85-861938/CAW Ei

- \*Cathode Sputtering of Thin Films Feb 83-Nov 85 (70)  
PB86-852118/CAW METADEX

- \*Chemical Vapor Deposition Aug 84-Jul 86 (140)  
PB86-871126/CAW NTIS

- Magnetostriction: Thin Films and Metallic Glasses 1975-1985 (211)  
PB86-852936/CAW INSPEC

- Physical Vapor Deposition 1975-Jan 86 (152)  
PB86-856994/CAW INSPEC

- Radiofrequency Sputtered Semiconductor Thin Films 1975-Jul 86 (218)  
PB86-870722/CAW INSPEC

- Sputter Coating of Tantalum and Tantalum Compounds 1976-Apr 86 (210)  
PB86-865193/CAW EDB

- Thin Film Transistors and Solar Cells 1970-Aug 86 (95)  
PB86-873742/CAW PTO

- Thin Films: Techniques for Thickness and Refractive Index Measurement 1975-Sep 86 (151)  
PB86-875382/CAW INSPEC

\*Ultrasonic Welding of Thin Film Devices and Integrated Circuits 1983-Jun 85 (70)  
PB85-863256/CAW METADEX

## Thixotropy

- Thixotropy 1973-Apr 86 (214)  
PB86-864501/CAW RAPRA

## Thyristors

- Gate Turn Off Thyristors 1977-1986 (336)  
PB87-852687/CAW INSPEC

Thyristors for AC Applications 1970-Nov 85 (221)  
PB86-851144/CAW Ei

- Thyristors for DC Applications 1970-Nov 85 (164)  
PB86-851425/CAW Ei

Thyristors for High Power Applications 1970-Nov 85 (129)  
PB86-851102/CAW Ei

## Tidal power

- Electric Power Generation: Tidal and Wave Power Jun 74-Jan 86 (252)  
PB86-856168/CAW IAA

## Tides

- Tides and Tidal Phenomena: Theory and Modeling 1973-Aug 86 (351)  
PB86-873932/CAW BHRA FLUID

## Time studies

Time and Motion Studies 1970-1984 (298)  
PB85-853760/CAW Ei



## Tin

- \* Tin Plating and Tin Plate Aug 82-Apr 86 (227)  
PB86-865987/CAW Ei

## Tires

- Highway Traffic Noise 1970-Feb 85 (270)  
Includes planning, control, and tire noise studies  
PB85-855724/CAW NTIS
- Noise Control for Motor Vehicles 1970-1985  
(189)  
PB86-852498/CAW NTIS
- Tire Hydroplaning 1970-Jan 86 (162)  
PB86-856010/CAW NTIS
- Tire Safety 1976-Feb 86 (221)  
PB86-861804/CAW RAPRA

## Tissue compatible materials

- \* Biocompatibility of Polymeric Implantation  
Devices Jun 83-1986 (180) Polymeric prosthetic  
devices are included in another bibliography  
PB87-853354/CAW RAPRA

## Titanium & titanium alloys

- Adhesive Bonding of Titanium and Titanium  
Alloys 1966-Apr 85 (201)  
PB85-857472/CAW METADEX
- Laser Beam Welding: Nickel, Titanium, and Their  
Alloys 1966-Mar 86 (204)  
PB86-862836/CAW METADEX
- Lightweight Alloys 1966-Jul 85 (68)  
PB85-865103/CAW METADEX
- \* Powder Metallurgy of Titanium and Titanium  
Alloys Mar 81-Apr 86 (229)  
PB86-862208/CAW Ei
- Superplastic Alloys: Properties and  
Microstructure 1979-Sep 85 (177)  
PB85-869287/CAW METADEX
- Titanium and Titanium Alloy Creep 1970-Feb 86  
(220)  
PB86-857471/CAW NTIS
- Titanium: Castings and Casting 1970-May 86  
(153)  
PB86-867249/CAW NTIS

## Tobacco smoke

- Cigarette Pollution Effects on Humans 1978-Oct  
86 (303)  
PB86-875895/CAW POLLUTION
- Cigarette Smoking 1970-Feb 86 (299)  
PB86-859550/CAW NTIS

## Tomatoes

- Biotechnically Improved Tomatoes 1972-Feb 86  
(60)  
PB86-860533/CAW FSTA

## Tools

- \* Ceramic Cutting Tools Apr 85-Feb 86 (67)  
PB86-859949/CAW METADEX
- \* Ceramic Tools for Metal Finishing and Cutting  
Jan 85-Dec 85 (65)  
PB86-853975/CAW METADEX
- Coatings for Metal Cutting and Forming Tools  
1970-Oct 86 (278)  
PB86-877040/CAW Ei
- \* Coatings for Metal Cutting Tools Jul 84-Nov 86  
(156)  
PB87-850558/CAW METADEX
- \* Metal Cutting: Factors Affecting Tool Life Aug  
82-Apr 85 (251)  
PB85-858447/CAW ISMEC
- Well Logging Tools and Apparatus 1970-Nov 85  
(116)  
PB86-852324/CAW PTO

## Top down software

- Top Down Software 1975-Apr 86 (213)  
PB86-865201/CAW INSPEC

## Tortillas

- Tortilla Manufacturing 1972-Jun 86 (117)  
PB86-870599/CAW FSTA

## Tourism

Tourism and Vacation Travel: State and Local  
Government Planning 1970-Feb 85 (181)  
PB85-854917/CAW NTIS

## Toxic agent alarms

- \* Chemical and Biological Warfare: Detection and  
Warning Systems Jun 84-Apr 86 (58)  
PB86-862588/CAW NTIS

## Toxic diseases

- Toxic Shock Syndrome 1978-Nov 85 (222)  
PB86-851771/CAW LSC

## Toxicity

- Asbestos: Industrial Applications and Precautions  
1974-1985 (146)  
PB86-857174/CAW ISMEC
- Aspartame in Foods 1972-Aug 86 (101)  
PB86-872959/CAW FSTA
- Cadmium Exposure: Toxicity in Humans 1978-  
Apr 86 (280)  
PB86-866837/CAW LSC
- \* Cadmium Pollution May 83-May 85 (259)  
PB85-861607/CAW NTIS
- \* Flame Retardant Polymeric Foams:  
Manufacturing, Applications, and Hazards Jul 84-  
Aug 86 (116)  
PB86-872447/CAW RAPRA
- GRAS (Generally Recognized as Safe) Food  
Ingredients 1972-Aug 86 (120)  
PB86-874096/CAW FSTA
- Lindane Toxicity 1978-Sep 85 (130)  
PB85-867240/CAW LSC
- \* Metal Containing Liquid Wastes 1984-Jul 86  
(143)  
PB86-871985/CAW Ei
- Paraquat Toxicity 1978-Jun 85 (203)  
PB85-863314/CAW LSC
- Pesticide Toxicity in Freshwater Fish 1978-Nov  
86 (121)  
PB87-851432/CAW LSC
- \* Toxicity of Pesticides Feb 85-Jan 86 (136)  
PB86-856945/CAW NTIS
- Toxicity Bioassays: Water Pollution Effects on  
Aquatic Animals and Plants 1977-May 86 (344)  
PB86-868379/CAW SWRA

## Toxicology

- Asbestos: Chronic Health Effects 1978-Apr 86  
(301)  
PB86-866332/CAW LSC
- Benzene Toxicity 1978-Nov 85 (216)  
PB86-852597/CAW LSC
- Bioaccumulation of Heavy Metals by Fish 1977-  
Aug 86 (134)  
PB86-872504/CAW SWRA
- \* Biocompatibility of Polymeric Implantation  
Devices Jun 83-1986 (180) Polymeric prosthetic  
devices are included in another bibliography  
PB87-853354/CAW RAPRA
- Biocompatibility of Polyurethanes 1977-Mar 86  
(98)  
PB86-862497/CAW RAPRA
- \* Caffeine: Biochemical and Physiological Effects  
Jun 85-May 86 (53)  
PB86-868361/CAW LSC
- Carbon Monoxide Toxicity 1978-1985 (282)  
PB86-853132/CAW LSC
- \* Chemical and Biological Warfare: Biology,  
Chemistry, and Toxicology Feb 81-Apr 86 (203)  
Excludes the biochemistry and therapy of  
cholinesterase inhibitors  
PB86-862638/CAW NTIS
- \* Chromatography for Pollution and Toxicological  
Analysis Feb 84-1985 (190)  
PB86-855129/CAW Ei
- \* Chromatography for Pollution and Toxicological  
Analysis 1983-Nov 85 (198)  
PB85-872661/CAW NTIS
- Chromium Toxicity 1978-1986 (375)  
PB87-852398/CAW LSC
- Cosmetics: Chemical and Biological Analysis  
1978-1983 (214)  
PB85-861060/CAW LSC
- Cosmetics: Chemical and Biological Properties  
1984-Apr 86 (200)  
PB86-864980/CAW LSC
- Drug Abuse 1975-Apr 86 (206)  
PB86-867314/CAW MC
- Ethylene Dibromide: Biochemical Effects and  
Environmental Concerns 1978-Apr 86 (88)  
PB86-866324/CAW LSC
- Food Additives Jun 83-May 86 (91) Cites only  
major articles  
PB86-868940/CAW FSTA
- \* GRAS (Generally Recognized as Safe) Food  
Ingredients Jul 79-May 86 (120)  
PB86-868593/CAW NTIS
- Heavy Metals in Drinking Water: Standards,  
Sources, and Effects 1978-1986 (68)  
PB87-851960/CAW LSC
- Heavy Metals in Drinking Water: Standards,  
Sources, and Effects 1970-1986 (89)  
PB87-853321/CAW NTIS
- Interferon Research 1984-Mar 85 (143)  
PB85-857423/CAW FEDRIIP
- Malathion Toxicity 1978-1985 (141)  
PB86-854882/CAW LSC
- Pentachlorophenol Toxicity 1978-1985 (130)  
PB86-853157/CAW LSC
- Pesticide Residues in Cereals and Cereal  
Products 1972-1986 (237)  
PB87-852984/CAW FSTA
- \* Pesticide Toxicity in Aquatic Environments Jun  
83-Mar 86 (100)  
PB86-862786/CAW SWRA
- Pollution Effects of Beryllium and Beryllium  
Compounds 1970-Mar 85 (139)  
PB85-858694/CAW NTIS
- Polybrominated Biphenyls: Metabolism and  
Toxicity 1978-Nov 85 (181)  
PB86-850146/CAW LSC
- Polychlorinated Biphenyls in the Freshwater  
Environment 1977-Jan 86 (167)  
PB86-857000/CAW SWRA
- \* Polychlorinated Biphenyls in Foods Aug 84-Jul  
85 (62)  
PB85-864395/CAW FSTA
- Polymeric Materials Combustion: Toxicity  
Hazards and Legal Aspects 1976-Oct 86 (177)  
PB86-875952/CAW RAPRA
- Pulp and Paper Mill Effluents: Toxicity to Humans  
1976-Jan 86 (142)  
PB86-856978/CAW PIRA
- Styrenes: Industrial Health Hazards 1977-Nov 85  
(179)  
PB85-871879/CAW RAPRA
- Toxic and Biomedical Effects of Textiles and  
Textile Production 1975-Mar 86 (194)  
PB86-862570/CAW WTA
- Toxic Shock Syndrome 1978-Nov 85 (222)  
PB86-851771/CAW LSC
- Toxic Substances: Effects on Fish 1970-May 86  
(178)  
PB86-868924/CAW POLLUTION
- Toxicity of Aromatic Polycyclic Hydrocarbons  
1978-Nov 86 (278)  
PB87-850582/CAW LSC



- \*Toxicity of Arsenic Jul 84-Aug 86 (227)  
PB86-873981/CAW EDB
- Toxicity of Beryllium Jun 76-Apr 86 (143)  
PB86-864394/CAW EDB
- Toxicity of Cobalt 1970-1985 (154)  
PB86-854189/CAW NTIS
- \*Toxicity of Fibers Jul 83-Oct 86 (389)  
PB87-850236/CAW EDB
- Toxicity of Fibers and Fiber Composites 1970-Jul 86 (327)  
PB86-870664/CAW NTIS
- Toxicity of Food Additives (Excluding Antioxidants) 1978-1985 (208)  
PB86-854874/CAW LSC
- \*Toxicity of Gaseous Halogenated Organic Compounds Mar 83-Jan 86 (279)  
PB86-856929/CAW NTIS
- Toxicity of Halogenated Organic Compounds Nov 81-Feb 83 (231)  
PB85-853612/CAW NTIS
- Toxicity of Manganese 1970-Jul 85 (190)  
PB85-864593/CAW NTIS
- \*Toxicity of Nickel Jun 83-May 85 (183)  
PB85-861623/CAW EDB
- Toxicity of Nickel 1970-Jun 86 (248)  
PB86-870136/CAW NTIS
- \*Toxicity of Pesticides Feb 85-Jan 86 (136)  
PB86-856945/CAW NTIS
- Toxicity of Selenium 1976-Oct 85 (349)  
PB85-869204/CAW EDB
- Toxicity of Selenium 1970-Nov 85 (155)  
PB86-852266/CAW NTIS
- Toxicity of Transition Metals and Transition Metal Compounds Jun 70-Oct 85 (194)  
PB85-869964/CAW Ei
- \*Toxicity of Zinc Jul 85-Jun 86 (48)  
PB86-869328/CAW NTIS
- Toxicity: Polymeric Materials in Medical Applications 1973-Mar 86 (241)  
PB86-862489/CAW RAPRA
- Toxicity: Polymeric Materials in Food-Contact Applications 1977-Oct 86 (237)  
PB86-875960/CAW RAPRA
- Toxicology of Ozone 1970-Nov 86 (338) Covers the effects on plants, animals, and humans  
PB87-851176/CAW NTIS
- Vinyl Chloride and Polyvinyl Chloride: Toxicology 1978-1985 (231)  
PB86-856119/CAW LSC
- Water Pollution Effects of Metals on Fresh Water Fish 1970-Oct 86 (211)  
PB86-876307/CAW NTIS

## Toys

- Aerial and Space Toys 1970-Jul 85 (179)  
PB85-864106/CAW PTO
- Educational Toys 1970-Jun 85 (136)  
PB85-863207/CAW PTO
- Toy Manufacturing: Plastic and Rubber Materials 1973-Feb 86 (240)  
PB86-860947/CAW RAPRA

## Trace elements

- \*Chemical Analysis Techniques of Trace Elements Feb 84-Feb 86 (142)  
PB86-857240/CAW NTIS
- \*X Ray Fluorescence Analysis Jul 80-Feb 86 (269)  
PB86-858438/CAW NTIS

## Tracer studies

- \*Air Pollution Tracer Studies in the Lower Atmosphere May 85-Feb 86 (65)  
PB86-863800/CAW NTIS

## Tracked vehicles

- Motor Vehicle Steering Systems 1973-May 86 (209)  
PB86-866043/CAW ISMEC

## Tractors

- Agricultural Tractors 1970-Feb 86 (178)  
PB86-861382/CAW Ei

## Traffic control

- Highway Markings 1970-Apr 86 (167)  
PB86-862323/CAW NTIS
- Highway Traffic Detectors and Detection 1970-Aug 86 (158)  
PB86-873825/CAW NTIS

## Traffic safety

- Automotive Seat Belts 1970-1985 (148)  
PB86-854304/CAW PTO
- \*Drinking Drivers 1979-Mar 86 (305)  
PB86-859220/CAW NTIS

## Training

- Assessment Centers 1974-Apr 86 (158)  
PB86-864428/CAW MC
- Biofeedback Training and Instrumentation 1975-Oct 85 (145)  
PB85-869519/CAW INSPEC
- \*Flight Simulator Training Dec 83-Nov 86 (246)  
PB87-851663/CAW NTIS
- Industrial Management Development and Training 1976-Apr 86 (291)  
PB86-865946/CAW PIRA
- Safety in the Chemical Industry 1970-Feb 86 (262)  
PB86-860004/CAW Ei
- \*Simulators in Education and Training Jul 82-Mar 86 (376)  
PB86-863479/CAW NTIS
- Technical Writing 1971-Apr 86 (141)  
PB86-862190/CAW Ei
- \*Word Processing: Management, Training, and Personnel Oct 83-Nov 84 (120)  
PB85-850915/CAW INSPEC

## Trajectories

- Flight Equations of Motion: Computer Analysis 1972-Apr 86 (285)  
PB86-863735/CAW IAA
- Flight Equations of Motion: Computer Analysis 1970-1985 (329)  
PB86-855160/CAW NTIS

## Tranquilizers

- \*Psychotropic Drug Research Dec 81-1984 (56)  
PB85-853232/CAW NTIS

## Transaction processing

- Transaction Processing Systems and Teleprocessing Monitors 1976-Sep 86 (120)  
PB86-874724/CAW INSPEC

## Transducers

- Digital Transducers 1970-Jan 86 (73)  
PB86-858560/CAW Ei
- Digital Transducers 1970-Jan 86 (74)  
PB86-858586/CAW NTIS
- \*Piezoelectric Transducers Aug 83-Jul 86 (170)  
PB86-870995/CAW Ei
- \*Piezoelectric Transducers Aug 83-Jan 86 (100)  
PB86-857208/CAW NTIS
- Piezoelectric Transducers: Surface Acoustic Wave Devices 1976-Oct 86 (111)  
PB86-875978/CAW IAA
- Piezoelectric Transducers: Ultrasonic Wave Detection 1972-1985 (206)  
PB86-853496/CAW IAA
- \*Ultrasonic Transducers Aug 82-Apr 85 (155)  
PB85-858371/CAW Ei
- Ultrasonic Transducers 1970-Oct 86 (269)  
PB86-877099/CAW NTIS

## Transfer of technology

- \*Technology Transfer: General and Theoretical Studies Feb 85-Jan 86 (73)  
PB86-858131/CAW NTIS

## Transferrin

- Human Transferrin 1978-1986 (159)  
PB87-852992/CAW LSC

## Transformers

- Insulating Oils for Transformers and Electrical Cables 1983-Nov 85 (98)  
PB86-851698/CAW Ei
- Insulating Oils for Transformers and Electrical Gables 1970-1982 (353)  
PB86-851680/CAW Ei
- Transformer Insulating Oils 1975-Sep 85 (283)  
PB85-868370/CAW INSPEC

## Transients

- Electrical Power Transients 1970-Aug 85 (175)  
PB85-866952/CAW Ei
- \*Lightning, Surge, and Transient Protection Dec 82-Aug 86 (180) Excludes electromagnetic shielding  
PB86-872801/CAW NTIS

## Transistor amplifiers

- Gallium Arsenide Field Effect Transistor Amplifiers 1975-Feb 86 (198)  
PB86-857992/CAW INSPEC

## Transistors

- Gallium Arsenide Field Effect Transistors: Fabrication 1970-Jul 86 (54)  
PB86-871811/CAW PTO
- \*Gallium Arsenide Metal Semiconductor Field Effect Transistors Dec 85-Nov 86 (70)  
PB87-851192/CAW INSPEC
- Ion-Sensitive Field Effect Transistor Devices 1975-Apr 86 (92)  
PB86-864089/CAW INSPEC
- Modulation Doped Field Effect Transistors 1975-Nov 86 (60)  
PB87-851366/CAW INSPEC
- Silicon Field Effect Transistors 1975-Nov 86 (130) Power MOSFETS are discussed in another bibliography  
PB87-851721/CAW INSPEC
- Static Induction Transistors 1975-Mar 86 (73)  
PB86-859345/CAW INSPEC
- Thin Film Transistors and Solar Cells 1970-Aug 86 (95)  
PB86-873742/CAW PTO

## Transition metals

- Toxicity of Transition Metals and Transition Metal Compounds Jun 70-Oct 85 (194)  
PB85-869964/CAW Ei

## Transmission lines

- Electrical Power Transients 1970-Aug 85 (175)  
PB85-866952/CAW Ei
- \*Extra High Voltage Power Transmission Oct 83-Mar 85 (60)  
PB85-856185/CAW Ei
- Extra High Voltage Power Transmission 1970-Oct 85 (209)  
PB85-872000/CAW NTIS
- Skin Effect in Electrical Conductors 1975-Nov 85 (225)  
PB85-872141/CAW INSPEC
- Time Domain Reflectometry: Testing and Fault Location 1975-Aug 86 (138)  
PB86-874682/CAW INSPEC
- Transmission Line Crosstalk 1975-Nov 85 (132)  
PB86-851979/CAW INSPEC



## Transparent armor

- Lightweight Armor 1970-Jan 86 (279)  
PB86-855749/CAW NTIS

## Transplantation

- Cyclosporines and Immunosuppression 1978-Oct 83 (157)  
PB86-850963/CAW LSC
- Cyclosporins and Immunosuppression Nov 83-Nov 85 (219)  
PB86-850971/CAW LSC

## Transponders

- Satellite Transponders 1975-1986 (357)  
PB87-852257/CAW INSPEC

## Transportation

- Electric Vehicles 1970-Aug 85 (155)  
PB85-865525/CAW PTO
- \*Hazardous Materials Transportation Sep 82-May 86 (106)  
PB86-869906/CAW Ei
- Hazardous Materials Transportation 1977-Apr 86 (327) Excludes radioactive wastes and materials  
PB86-865268/CAW NTIS
- \*Hazardous Materials Transportation: Radioactive Materials and Wastes May 85-Apr 86 (100)  
PB86-862265/CAW NTIS
- Packaging and Transporting Dangerous Products 1982-Mar 86 (116)  
PB86-861887/CAW PSTA
- \*Railroad Freight Transportation. 1981-1985 (199)  
PB86-854437/CAW NTIS
- \*Railroad Management Planning Nov 81-Feb 86 (144)  
PB86-857836/CAW NTIS
- Space Transportation and Space Stations and Colonies: Technology Forecasting 1972-Mar 85 (249)  
PB85-857613/CAW IAA
- \*Surface Transportation: Demands and Needs 1980-Feb 85 (271) Includes urban, rail, and marine  
PB85-855229/CAW NTIS
- Systems Analysis/Operations Research: Transportation Systems 1970-Feb 86 (138)  
PB86-861408/CAW Ei
- \*Travel Time Studies for Surface Transportation Jul 81-Jan 85 (55) Includes both automobile and mass transit travel but excludes freight transportation  
PB85-854149/CAW NTIS
- Vehicular Traffic Control Jun 70-1985 (206)  
PB86-855467/CAW NTIS

## Transportation safety

- \*Automobile Impact Tests Sep 80-Nov 86 (133)  
PB87-851002/CAW NTIS
- Automobile Safety: Seat Belts 1970-May 86 (203)  
PB86-868403/CAW Ei
- Automobile Safety: Bumpers 1970-Mar 85 (154)  
PB85-856813/CAW Ei
- \*Automobile Safety: Seat Belts Nov 84-Oct 86 (72)  
PB86-876463/CAW NTIS
- Child Restraint Systems 1970-Feb 86 (52)  
PB86-860251/CAW NTIS
- Highway Safety Structures 1970-Mar 86 (182)  
PB86-859311/CAW NTIS
- Railroad Signals and Signaling 1970-Nov 86 (274)  
PB87-850269/CAW Ei

## Trawlers

- Trawlers and Trawling Equipment 1974-Sep 85 (246)  
PB85-867836/CAW OCEANIC

## Treeing

- Treeing of Electrical Insulating Materials 1970-Sep 85 (110)  
PB85-868776/CAW Ei

## Tribology

- Ceramic Tribological Materials 1973-Nov 86 (195)  
PB87-850608/CAW BHRA FLUID
- Ceramic Tribological Materials 1970-1985 (69)  
PB86-853926/CAW PTO
- \*Composite Tribological Materials May 83-1986 (135)  
PB87-852224/CAW BHRA FLUID
- Tribology Jun 74-Jul 85 (308)  
PB85-864213/CAW IAA
- Tribology Jun 70-May 85 (210)  
PB85-860609/CAW NTIS
- Tribology: Bearings 1970-Oct 85 (95)  
PB85-869048/CAW Ei
- Tribology: Coatings 1970-Apr 86 (165)  
PB86-864485/CAW Ei
- Tribology: Lubrication 1970-Jul 86 (201)  
PB86-872363/CAW Ei
- Tribology: Properties of Materials 1970-Jul 85 (82)  
PB85-863819/CAW Ei
- Tribology: Research and Development 1970-May 85 (172)  
PB85-860187/CAW Ei

## Tropical clothing

- Protective Clothing: Arctic and Tropical Environments 1970-Jun 86 (154)  
PB86-871423/CAW NTIS

## Tropical cyclones

- Hurricanes and Tropical Cyclones 1974-1986 (323)  
PB87-852067/CAW OCEANIC

## Tropospheric scatter communications

- \*Tropospheric Radiowave Propagation Jul 84-Nov 85 (93)  
PB86-851714/CAW INSPEC

## Tsunamis

- Tsunamis 1970-Aug 85 (147)  
PB85-866804/CAW NTIS

## Tubes

- Composite Tubing Fabrication and Utilization 1970-Apr 86 (95)  
PB86-863628/CAW PTO
- Heat Exchanger Tube Vibrations 1976-May 85 (103)  
PB85-859429/CAW EDB
- Heat Exchanger Tube Vibrations 1970-May 85 (154)  
PB85-861201/CAW Ei
- High Frequency Induction Welding of Thin Metal Sheet and Tubing 1966-Jun 85 (215)  
PB85-863249/CAW METADEX
- \*Nondestructive Testing of Pipes and Tubes Jun 84-Oct 85 (203)  
PB85-871713/CAW EDB
- \*Ultrasonic Nondestructive Testing for Pipes and Tubes Sep 82-Mar 85 (71)  
PB85-856078/CAW METADEX

## Tubodrills

- Down-Hole Motors and Turbodrills 1978-Feb 86 (137)  
PB86-858842/CAW EDB

## Tugboats

- Tugboats for Ship Berthing and Barge Transportation 1970-Sep 85 (161)  
PB85-867612/CAW NTIS

## Tungsten & tungsten alloys

- \*Tungsten and Tungsten Alloy Powder Metallurgy 1980-Feb 86 (295)  
PB86-858495/CAW Ei
- Tungsten and Tungsten Alloy Powder Metallurgy 1970-Nov 85 (225)  
PB86-851375/CAW NTIS

## Tunnel construction

- \*Tunnel Construction Feb 83-Jul 86 (151)  
PB86-870904/CAW Ei

## Turbomachinery

- \*Engine Turbochargers and Superchargers Sep 83-Feb 86 (307)  
PB86-860731/CAW EDB
- Fuel Supply and Control for Turbocharged Engines 1970-Mar 86 (60)  
PB86-860871/CAW PTO
- Hydraulic Turbines for Electric Power Generation 1973-May 85 (237)  
PB85-860906/CAW ISMEC
- Wind Turbines 1970-Oct 85 (152)  
PB85-869808/CAW PTO
- Wind Turbines and Generators for Wind Power Plants 1976-Apr 85 (188)  
PB85-858140/CAW INSPEC

## Typography

- Computer Controlled Typesetting 1975-May 85 (225)  
PB85-861516/CAW INSPEC

## Ultrafiltration

- \*Reverse Osmosis in Food Processing Jan 86-Dec 86 (57)  
PB87-852240/CAW FSTA
- \*Waste Treatment by Reverse Osmosis and Membrane Processes: Industrial 1976-Jun 86 (225) Excludes desalination of natural waters  
PB86-870706/CAW Ei

## Ultrasonic fabrication

- Ultrasonic Welding 1970-Nov 85 (245)  
PB86-851474/CAW Ei
- Ultrasonic Welding Jun 74-Jan 86 (97)  
PB86-857745/CAW IAA
- Ultrasonic Welding Jun 70-Sep 86 (113)  
PB86-875838/CAW NTIS
- Ultrasonic Welding 1970-Jun 85 (143)  
PB85-863454/CAW PTO
- Ultrasonic Welding of Plastics 1973-Nov 85 (195)  
PB85-872281/CAW RAPRA
- \*Ultrasonic Welding of Thin Film Devices and Integrated Circuits 1983-Jun 85 (70)  
PB85-863256/CAW METADEX

## Ultrasonics

- Blood Flow Measurement: Ultrasonic Methods and Equipment 1975-Jun 86 (343)  
PB86-869740/CAW INSPEC
- Nondestructive Ultrasonic Stress Analysis 1966-Oct 85 (187)  
PB85-869337/CAW METADEX
- \*Nondestructive Ultrasonic Testing and Inspection Jul 84-Oct 85 (101)  
PB85-869758/CAW EDB
- Piezoelectric Transducers: Ultrasonic Wave Detection 1972-1985 (206)  
PB86-853496/CAW IAA
- Ultrasonic Cleaning: Methods and Applications 1966-Oct 85 (259)  
PB85-871267/CAW METADEX
- Ultrasonic Nondestructive Testing for Castings and Forgings 1966-Jun 86 (307)  
PB86-870193/CAW METADEX



- \* Ultrasonic Nondestructive Testing for Pipes and Tubes Sep 82-Mar 85 (71)  
PB85-856078/CAW METADEX

- Ultrasonic Scanning and Imaging: Medical Applications 1970-1985 (166)  
PB86-854296/CAW PTO
- Ultrasonic Techniques in the Food Industry 1972-Aug 86 (326)  
PB86-873395/CAW FSTA

- \* Ultrasonic Transducers Aug 82-Apr 85 (155)  
PB85-858371/CAW Ei

- Ultrasonic Transducers 1970-Oct 86 (269)  
PB86-877099/CAW NTIS

## Ultraviolet detectors

- Ultraviolet Detectors 1970-Feb 86 (115)  
PB86-861333/CAW Ei
- Ultraviolet Detectors 1970-Jul 85 (251)  
PB85-864510/CAW NTIS

## Ultraviolet lasers

- Ultraviolet Lasers 1976-May 86 (256) Includes use in chemistry  
PB86-868528/CAW EDB

## Ultraviolet radiation

- UV Curable Inks in Offset Printing 1976-Nov 85 (177)  
PB86-852233/CAW PIRA
- UV Drying of Printing Inks: Pigment Effects 1976-Jun 85 (97)  
PB85-861474/CAW PIRA
- UV Printing Inks in Screen Printing 1976-1985 (152)  
PB86-853470/CAW PIRA

## Underground construction

Plastic Building Materials for Underground Construction 1977-Oct 85 (304)  
PB85-869634/CAW RAPRA

- \* Tunnel Construction Feb 83-Jul 86 (151)  
PB86-870904/CAW Ei

## Underground disposal

- Deep Well Disposal 1976-Oct 86 (264)  
PB86-876729/CAW EDB

## Underground life support systems

- Life Support Systems for Aerospace and Marine applications 1970-Nov 85 (343)  
PB86-851557/CAW Ei

## Underwater communications

- Underwater Voice Communication Systems 1970-Nov 86 (159)  
PB87-851747/CAW NTIS

## Underwater construction

- Deep Sea Mining: Equipment and Techniques 1974-Jun 86 (329)  
PB86-862273/CAW OCEANIC
- Underwater Tools and Operations 1974-Aug 85 (173)  
PB85-866341/CAW OCEANIC

## Underwater equipment

- Deep Sea Mining: Equipment and Techniques 1974-Jun 86 (329)  
PB86-862273/CAW OCEANIC
- Underwater Tools and Operations 1974-Aug 85 (173)  
PB85-866341/CAW OCEANIC

## Underwater life support systems

- Life Support Systems for Aerospace and Marine applications 1970-Nov 85 (343)  
PB86-851557/CAW Ei

## Underwater light

- Underwater Light 1975-Aug 86 (347)  
PB86-872595/CAW INSPEC

## Underwater mining

- Deep Sea Mining: Equipment and Techniques 1974-Jun 86 (329)  
PB86-862273/CAW OCEANIC
- Manganese Nodules: Formulation, Distribution, and Recovery 1974-Jul 85 (339)  
PB85-865335/CAW OCEANIC

## Underwater pipelines

- Offshore Pipelines 1970-Apr 86 (146)  
PB86-866316/CAW NTIS
- Underwater Pipelines 1973-Jan 85 (313)  
PB85-854644/CAW BHRA FLUID

## Underwater vehicles

- Manned Submersibles for Deep Ocean Exploration and Offshore Operations 1974-1985 (153)  
PB86-856333/CAW OCEANIC
- Submersible and Semisubmersible Vessels Jun 70-Jul 86 (299)  
PB86-871183/CAW Ei

## Universal product codes

- Bar Code Reading Devices 1970-Nov 86 (198)  
PB87-850756/CAW PTO
- \* Universal Product Codes Jun 85-May 86 (109)  
PB86-865003/CAW INSPEC
- \* Universal Product Codes Nov 84-Oct 86 (276)  
PB86-876638/CAW PIRA
- Universal Product Codes 1982-Feb 86 (72)  
PB86-860574/CAW PSTA

## Uranium isotopes

- \* Laser Isotope Separation: Uranium Jun 83-Jul 86 (93)  
PB86-872041/CAW EDB

## Uranium ores

- \* Uranium Mining and Milling Environmental Studies Feb 84-Mar 85 (163)  
PB85-857589/CAW NTIS

## Urban areas

- Urban Hydrology: Watershed Management and Urban Runoff 1977-Mar 86 (297)  
PB86-861002/CAW SWRA

- \* Urban Noise Pollution Nov 81-Sep 86 (147)  
PB86-874278/CAW NTIS

## Urban planning

- Disaster Planning 1970-Feb 86 (176)  
PB86-860673/CAW NTIS
- Remote Sensing Applied to Urban and Regional Planning 1970-Sep 85 (135)  
PB85-867554/CAW NTIS
- \* Sewage Treatment Costs and Economics 1979-Jun 86 (322) Covers sewers, sludge disposal, treatment techniques, and entire systems  
PB86-868551/CAW NTIS

## Urban transportation

- Highway Traffic Detectors and Detection 1970-Aug 86 (158)  
PB86-873825/CAW NTIS
- \* Surface Transportation: Demands and Needs 1980-Feb 85 (271) Includes urban, rail, and marine  
PB85-855229/CAW NTIS
- \* Urban Noise Pollution Nov 81-Sep 86 (147)  
PB86-874278/CAW NTIS
- Urban Parking 1970-May 85 (125)  
PB85-859205/CAW NTIS
- Vehicular Traffic Control Jun 70-1985 (206)  
PB86-855467/CAW NTIS

## Urbanization

Water Resources: Effects of Land Use and Urbanization Sep 81-Sep 85 (89)  
PB85-867521/CAW NTIS

## Urethane resins

- \* Polyurethane Resins: Synthesis and Properties 1979-1986 (305) Excludes polyurethane foams  
PB87-852703/CAW NTIS
- Urethane Coatings Jun 70-Nov 86 (320)  
PB87-851200/CAW Ei
- Urethane Copolymers 1977-1985 (158)  
PB86-855806/CAW RAPRA
- Urethanes in Surgical Applications 1973-1986 (256)  
PB87-852612/CAW RAPRA

## Utilities

- \* Public Utility Rate Structures Jul 83-Jun 86 (214)  
PB86-869062/CAW EDB

## Vacation travel

Tourism and Vacation Travel: State and Local Government Planning 1970-Feb 85 (181)  
PB85-854917/CAW NTIS

## Vaccines

Infectious Disease Vaccines 1970-Aug 85 (126)  
PB85-866309/CAW PTO

## Vacuum deposition

- Vacuum Deposition Equipment and Techniques 1972-Aug 86 (204)  
PB86-874302/CAW IAA
- Vacuum Metallizing: Protective and Decorative Coatings 1966-1985 (232)  
PB86-855921/CAW METADEX

## Vacuum furnaces

Vacuum Furnaces 1970-Oct 85 (110)  
PB85-870939/CAW NTIS

## Value engineering

- Value Added Networks 1975-Jan 86 (71)  
PB86-855012/CAW INSPEC
- Value Engineering and Analysis 1975-Jul 85 (81)  
PB85-864908/CAW INSPEC

## Valves

Pressure Regulating Valves: Petroleum and Natural Gas Industries 1976-May 85 (161)  
PB85-861748/CAW EDB

## Vapor deposition

- Laser Chemical Vapor Deposition 1978-Apr 86 (126)  
PB86-865102/CAW INSPEC
- Physical Vapor Deposition 1975-Jan 86 (152)  
PB86-856994/CAW INSPEC

## Varistors

- Varistors Jun 70-Nov 85 (131)  
PB86-852464/CAW Ei
- Varistors 1975-Mar 86 (322)  
PB86-862893/CAW INSPEC

## Vegetable oils

- Sitosterol in Foods 1972-Jul 86 (50)  
PB86-872157/CAW FSTA
- \* Vegetable Oils Jun 83-Mar 86 (291)  
PB86-859667/CAW FSTA

## Vegetable proteins

- Texturized Vegetable Protein Used in Foods 1972-Nov 85 (327)  
PB86-851953/CAW FSTA

## Vegetables

Leaf Protein Concentrates: Isolation and Nutrition 1972-Sep 85 (141)  
PB85-868685/CAW FSTA



- Plant Growth Regulators: Vegetables and Grains 1978-May 86 (140)  
PB86-866126/CAW FSTA  
Potato Chip Industry 1972-Jul 85 (315)  
PB85-865277/CAW FSTA  
Vegetable Flavor: Corn and Corn Products 1972-Jul 85 (90)  
PB85-865152/CAW FSTA
- Vegetable Juice: Manufacture and Processing 1972-Jan 86 (217)  
PB86-857091/CAW FSTA  
Vegetable Processing 1972-Apr 85 (300)  
PB85-858421/CAW FSTA

## Vegetation

- Acid Precipitation: Effects on Terrestrial Ecosystems Oct 83-Sep 84 (212)  
PB85-869998/CAW EDB
- \*Air Pollution Effects on Plants Apr 76-Aug 85 (338)  
PB85-866564/CAW NTIS  
Desertification 1978-Sep 85 (78)  
PB85-868537/CAW LSC
- Remote Sensing of Agricultural Resources Oct 73-Jan 86 (350)  
PB86-855947/CAW NTIS

## Vehicular traffic control

- Vehicular Traffic Control Jun 70-1985 (206)  
PB86-855467/CAW NTIS

## Ventilation

- Air Ventilation and Filtration 1970-May 86 (291)  
PB86-867785/CAW NTIS
- Microprocessors: HVAC System Control 1979-Feb 86 (92)  
PB86-858727/CAW EDB

## Venture capital

- Venture Capital 1970-Jul 86 (314) Includes capital for research and development  
PB86-872082/CAW NTIS

## Vertical takeoff aircraft

- Military Helicopters 1970-Mar 85 (346)  
PB85-856367/CAW Ei

## Very large scale integration

- Computer Architecture: Very Large Scale Integration 1975-Nov 86 (354)  
PB87-850772/CAW INSPEC

## Very long base interferometry

- Very Long Baseline Interferometry in Geophysics and Geodesy 1975-Apr 86 (53)  
PB86-863263/CAW INSPEC

## Very low frequencies

- \*VLF Radio Wave Propagation Aug 83-Mar 85 (63)  
PB85-856201/CAW INSPEC

## Vibration

- Aircraft Gas Turbine Engines: Noise Reduction and Vibration Control 1973-Jul 86 (279)  
PB86-871456/CAW ISMEC
- \*Airfoils: Drag, Turbulent Flow, and Vibration Reduction Jul 84-Jun 85 (55)  
PB85-863363/CAW ISMEC
- Antivibration Mountings 1970-Apr 86 (133)  
PB86-864121/CAW Ei  
Heat Exchanger Tube Vibrations 1976-May 85 (103)  
PB85-859429/CAW EDB  
Heat Exchanger Tube Vibrations 1970-May 85 (154)  
PB85-861201/CAW Ei
- Polymers in Vibration Damping and Soundproofing 1970-Feb 86 (100)  
PB86-858966/CAW PTO

- Vibration Detection 1970-Apr 86 (159)  
PB86-865409/CAW PTO
- Vibrational Analysis in Aerodynamics 1970-Jul 86 (224)  
PB86-872322/CAW Ei
- Vibrational Analysis in Aerodynamics 1972-Jul 86 (337)  
PB86-871605/CAW IAA
- Vibrational Analysis in Aerodynamics 1970-Oct 86 (242)  
PB86-877032/CAW NTIS  
Vibrational Analysis of Fluids 1970-Nov 85 (210)  
PB85-872273/CAW Ei
- Vibrational Analysis of Fluids 1970-Jan 86 (159)  
PB86-855285/CAW NTIS
- Vibrational Analysis of Structures: Computer Applications 1983-Apr 86 (126)  
PB86-864972/CAW IAA

## Video tapes

- Entertainment Appliances: Home and Commercial Video Tape Recorders 1970-Apr 86 (357)  
PB86-866001/CAW Ei

## Vinyl chloride

- Vinyl Chloride and Polyvinyl Chloride: Toxicology 1978-1985 (231)  
PB86-856119/CAW LSC

## Vinylidene fluoride resins

- \*Polyvinylidene Fluoride Nov 83-Oct 85 (99)  
PB85-870194/CAW Ei  
Polyvinylidene Fluoride 1970-Nov 85 (193)  
PB85-871622/CAW NTIS
- Polyvinylidene Fluoride 1970-Apr 86 (123)  
PB86-867355/CAW SPIN
- Polyvinylidene Fluoride: Reinforcers and Processing 1977-Apr 86 (174)  
PB86-863768/CAW RAPRA  
Polyvinylidene Fluoride: Structure and Degradation 1976-Oct 85 (241)  
PB85-869618/CAW RAPRA
- \*Vinylidene Fluoride Polymers and Copolymers: Electrical Properties and Applications Apr 85-Feb 86 (60) Emphasis on piezoelectric and pyroelectric properties  
PB86-859832/CAW INSPEC

## Viral diseases

- Human T Cell Lymphotropic Virus III (HTLV III) 1978-Mar 86 (54)  
PB86-864055/CAW LSC

## Viruses

- Herpes Virus 1970-Jan 86 (121)  
PB86-855293/CAW NTIS

## Viscoelasticity

- Constitutive Equations: Plastic and Viscoelastic Properties Aug 77-May 86 (330)  
PB86-867975/CAW IAA
- Constitutive Equations: Plastic and Viscoelastic Properties 1975-May 86 (201)  
PB86-867991/CAW INSPEC

## Viscometry

- \*Viscometry 1983-Jun 85 (73)  
PB85-862829/CAW Ei

## Visiting Nurse Association

- \*Long Term Care: Home Health Services Feb 80-Nov 85 (154)  
PB86-851292/CAW NTIS

## Vitamins

- Fat Soluble Vitamins in Foods 1972-Aug 86 (89)  
PB86-873031/CAW FSTA

## Vitreous state

- Acrylic Glass 1970-Jun 86 (192)  
PB86-869666/CAW Ei

## Vocoders

- Speech Synthesis 1970-Jan 85 (107)  
PB85-853406/CAW PTO

## Voice data entry

- Computer Voice Recognition: Market Aspects 1983-Jun 86 (94)  
PB86-871498/CAW COM
- Voice Data Entry 1975-Apr 86 (131)  
PB86-865094/CAW INSPEC

## Wall coverings

- Wallcoverings 1980-Apr 86 (96)  
PB86-865904/CAW WSC

## Walsh functions

- Walsh Functions: Signal Processing 1975-May 86 (120)  
PB86-866035/CAW INSPEC

## Warehouses

- Warehouse Automation 1975-1985 (298)  
PB86-853116/CAW INSPEC

## Warfare

- \*Chemical and Biological Warfare: Biology, Chemistry, and Toxicology Feb 81-Apr 86 (203) Excludes the biochemistry and therapy of cholinesterase inhibitors  
PB86-862638/CAW NTIS
- Chemical and Biological Warfare: Defoliants and Herbicides 1970-Apr 86 (203)  
PB86-862653/CAW NTIS
- \*Chemical and Biological Warfare: Detection and Warning Systems Jun 84-Apr 86 (58)  
PB86-862588/CAW NTIS
- \*Chemical and Biological Warfare: General Studies 1979-Apr 86 (177) Covers warfare planning, civil defense, aerial dissemination, containers, and delivery systems  
PB86-862596/CAW NTIS
- \*Chemical and Biological Warfare: Protection, Decontamination, and Disposal 1979-Jun 86 (264)  
PB86-868668/CAW NTIS
- Insurgency and Counterinsurgency in Military Affairs 1980-Jun 86 (89)  
PB86-869633/CAW NTIS
- Nuclear Warfare: Survival 1970-Feb 86 (294)  
PB86-858339/CAW NTIS
- \*Psychological Warfare Dec 84-Nov 86 (108)  
PB87-850186/CAW NTIS
- War Gaming for Strategic and Tactical Nuclear Warfare 1970-Jan 86 (312)  
PB86-856150/CAW NTIS

## Warning systems

- \*Ice and Fog: Detection and Warning Systems Dec 85-Nov 86 (54)  
PB87-850962/CAW NTIS

## Waste disposal

- \*Chemical and Biological Warfare: Protection, Decontamination, and Disposal 1979-Jun 86 (264)  
PB86-868668/CAW NTIS  
Coal Mine Wastes 1970-May 85 (164) Includes studies on the control, disposal, and types of wastes.  
PB85-859676/CAW NTIS  
Coal Mine Wastes 1977-Sep 85 (169)  
PB85-868347/CAW SWRA
- Deep Well Disposal 1976-Oct 86 (264)  
PB86-876729/CAW EDB



- \*Ground Water Pollution: General Studies Dec 84-Nov 86 (225) Excludes irrigation and pollution from fertilizers and includes superfund program studies PB87-851655/CAW NTIS
- \*Hazardous Materials Waste Disposal Jun 85-May 86 (160) Excludes radioactive wastes and materials PB86-865854/CAW NTIS
- Hazardous Waste Treatment and Disposal 1970-Apr 86 (51) Includes radioactive wastes PB86-863966/CAW PTO
- Liners for Waste Disposal and Waste Storage Facilities 1976-Apr 86 (125) PB86-862422/CAW EDB
- \*Materials Handling by Slurry Pipelines Aug 80-Mar 86 (301) PB86-861424/CAW Ei
- \*Metals Recovery from Wastes Dec 84-Nov 85 (234) PB85-872448/CAW EDB
- Metals Recovery from Wastes Jun 70-1985 (244) PB86-852811/CAW Ei
- Metals Recovery from Wastes 1966-1985 (198) PB86-854072/CAW METADEX
- Metals Recovery From Wastes 1977-1985 (224) PB86-854122/CAW SWRA
- Methane from Solid Wastes 1974-Nov 84 (106) PB85-853224/CAW Ei
- Municipal Sewage Sludge as Fertilizer 1970-May 86 (132) PB86-868866/CAW NTIS
- Oil Shale Waste Disposal: Environmental Impacts 1976-1985 (286) PB86-856820/CAW EDB
- Pet Waste Disposal Products for Home or Kennel Use 1970-Jul 86 (93) PB86-872629/CAW PTO
- Recycling Rubber Wastes 1973-Feb 86 (185) PB86-860970/CAW RAPRA
- Recycling Zinc Jun 76-Jul 86 (147) PB86-872090/CAW EDB
- Toxic Material Control in the Metal Joining and Finishing Industries 1966-Apr 85 (240) PB85-857449/CAW METADEX

## Waste heat

- Waste Heat Recovery: Textile Industry 1983-Aug 85 (63) PB85-865780/CAW WTA
- \*Waste Heat Utilization Nov 82-Jul 85 (257) Excludes total energy systems PB85-864239/CAW NTIS
- Waste Heat Utilization 1970-Sep 85 (201) PB85-867489/CAW PTO

## Waste oils

- Waste Oil Reclamation 1970-Aug 86 (147) PB86-873890/CAW NTIS

## Waste recycling

- \*Metals Recovery from Wastes Dec 84-Nov 85 (234) PB85-872448/CAW EDB
- Municipal Waste Resource Recovery Facilities: Economic and Institutional Aspects 1979-Apr 86 (174) PB86-865185/CAW EDB
- Organic Solvent Recovery and Recycling Aug 83-Jun 86 (141) PB86-869963/CAW EDB
- \*Recycling Metal Scrap Jun 70-Apr 86 (232) PB86-863917/CAW Ei
- Wastepaper Recycling 1976-Mar 86 (267) PB86-862687/CAW PIRA

## Waste water reuse

- Artificial Recharge of Aquifers 1977-1986 (207) PB87-852141/CAW SWRA

## Water analysis

- Chromatography for Water Pollution Analysis 1977-Aug 85 (195) PB86-873619/CAW EDB
- Ion Selective Electrodes 1970-Aug 86 (186) PB86-873957/CAW Ei
- Ion Selective Electrodes 1970-Jun 86 (176) PB86-869591/CAW NTIS
- Oil Pollution Sampling, Detection, and Analysis 1976-Jul 85 (176) Excludes citations specifically on pollution effects on flora and fauna PB85-863595/CAW NTIS
- Water Chemistry: Analysis for Heavy Metals 1977-May 83 (330) PB85-860831/CAW SWRA
- Water Chemistry: Analysis For Heavy Metals Jun 83-May 86 (94) PB86-866381/CAW SWRA

## Water hyacinths

- Water Hyacinths: Waste Treatment and Methane Production 1979-Oct 85 (170) PB85-870434/CAW EDB

## Water law

- Groundwater Law 1977-Nov 84 (77) PB85-850824/CAW SWRA

## Water pollution

- \*Acid Mine Drainage Oct 78-Apr 86 (161) PB86-863024/CAW NTIS
- Acid Mine Drainage 1977-Nov 85 (243) PB86-850336/CAW SWRA
- Adsorption Processes: Pulp Mill Pollutants 1975-Apr 85 (215) PB85-858090/CAW PIRA
- Aerial Photography: Applications in the Study of Coastal Erosion and Pollution 1974-May 86 (350) PB86-867397/CAW OCEANIC
- Agricultural Watersheds 1977-Sep 86 (263) PB86-874591/CAW SWRA
- \*Algae: Control and Growth in Lakes and Streams Oct 84-Oct 86 (124) PB86-877313/CAW SWRA
- Aquatic Population Dynamics 1978-Jul 85 (282) PB85-864775/CAW SWRA
- Artificial Recharge of Aquifers 1977-1986 (207) PB87-852141/CAW SWRA
- Asbestos in Drinking Water 1977-Nov 85 (118) PB85-872075/CAW SWRA
- \*Biochemical Oxygen Demand Oct 81-Feb 86 (161) PB86-860699/CAW NTIS
- \*Cadmium Pollution May 83-May 85 (259) PB85-861607/CAW NTIS
- \*DDT, DDD, and DDE Pesticides 1977-Feb 86 (237) PB86-858305/CAW NTIS
- Ecology of Pesticide Water Pollution 1978-Jul 86 (376) PB86-871688/CAW NTIS
- Environmental Impacts: Computer Analysis 1970-Sep 86 (342) PB86-874328/CAW NTIS
- Eutrophic Lakes 1978-1985 (194) PB86-854411/CAW SWRA
- \*Food Processing Waste Treatment 1976-1985 (160) PB86-854247/CAW NTIS
- \*Ground Water Pollution: General Studies Dec 84-Nov 86 (225) Excludes irrigation and pollution from fertilizers and includes superfund program studies PB87-851655/CAW NTIS
- Groundwater Pollution Monitoring 1976-1985 (305) PB86-855053/CAW EDB
- Heavy Metals in Drinking Water: Standards, Sources, and Effects 1978-1986 (68) PB87-851960/CAW LSC
- Heavy Metals in Drinking Water: Standards, Sources, and Effects 1970-1986 (89) PB87-853321/CAW NTIS
- Heavy Metals in Drinking Water: Standards, Sources, and Effects 1977-1986 (117) PB87-852356/CAW SWRA
- Hydrogen Chloride and Hydrochloric Acid Air Pollution 1976-1985 (223) PB86-854262/CAW EDB
- \*Ion Exchange Resins Feb 83-1985 (201) PB86-856135/CAW EDB
- Metals Recovery from Wastes Jun 70-1985 (244) PB86-852811/CAW Ei
- Metals Recovery from Wastes 1966-1985 (198) PB86-854072/CAW METADEX
- Metals Recovery From Wastes 1977-1985 (224) PB86-854122/CAW SWRA
- Microbiology of Groundwater 1978-Apr 86 (72) PB86-866522/CAW LSC
- Microbiology of Groundwater 1977-Sep 86 (151) PB86-875077/CAW SWRA
- \*Odor Pollution 1977-Apr 86 (145) PB86-862000/CAW NTIS
- Oil Spills: Environmental Effects 1977-May 86 (311) PB86-867447/CAW SWRA
- Oil Spills: Legal Aspects 1977-May 85 (313) PB86-861664/CAW SWRA
- Paraquat Toxicity 1978-Jun 85 (203) PB85-863314/CAW LSC
- \*Pesticide Toxicity in Aquatic Environments Jun 83-Mar 86 (100) PB86-862786/CAW SWRA
- Pesticide Toxicity in Freshwater Fish 1978-Nov 86 (121) PB87-851432/CAW LSC
- \*Pollution Caused by Ammunition Manufacturing Feb 83-Sep 86 (111) PB86-875788/CAW NTIS
- Pollution Effects of Beryllium and Beryllium Compounds 1970-Mar 85 (139) PB85-858694/CAW NTIS
- \*Polychlorinated Biphenyls in the Environment Sep 80-Apr 86 (349) PB86-862216/CAW NTIS
- Polychlorinated Biphenyls in the Freshwater Environment 1977-Jan 86 (167) PB86-857000/CAW SWRA
- Polychlorinated Biphenyls: Occurrence in Sediments and Soils 1977-Jan 86 (149) PB86-857075/CAW SWRA
- Remote Sensing Applied to Environmental Pollution Detection and Management 1970-1985 (257) PB86-854098/CAW NTIS
- Soil Salinity: Irrigation Practices and Effects on Crops and Ground water 1977-Oct 85 (130) PB85-869667/CAW SWRA
- Strip Mining: Hydrology 1977-Jan 86 (263) PB86-857257/CAW SWRA
- Strip Mining: Impacts on Water Resources 1977-Mar 86 (196) PB86-861564/CAW SWRA
- \*Uranium Mining and Milling Environmental Studies Feb 84-Mar 85 (163) PB85-857589/CAW NTIS
- \*Waste Processing and Pollution in the Chemical and Petrochemical Industries Mar 83-Nov 85 (245) PB86-852381/CAW NTIS
- Water Pollution: Uptake of Heavy Metals by Shellfish and Marine Plants 1974-Feb 86 (269) PB86-858719/CAW OCEANIC



- Water Quality: Pathogenic Bacteria 1977-Apr 86 (237)  
PB86-865144/CAW SWRA
- Water Resources: Effects of Land Use and Urbanization Sep 81-Sep 85 (89)  
PB85-867521/CAW NTIS

## Water pollution control

- \*Activated Carbon 1979-Sep 85 (269) Includes activated carbon treatment of sewage  
PB85-867539/CAW NTIS
- Activated Charcoal 1970-Oct 86 (121) Excludes activated carbon  
PB86-875622/CAW Ei
- \*Activated Sludge Treatment 1982-Mar 85 (107)  
PB86-856615/CAW LSC
- Animal Waste Pollution, Treatment, and Regulations 1977-Jun 85 (314)  
PB85-863439/CAW SWRA
- Anion Exchange Resins: Structure, Formulation, and Applications 1977-Jul 85 (101)  
PB85-865384/CAW RAPRA
- \*Aquatic Weed Control Dec 81-1985 (163)  
PB86-854270/CAW NTIS
- Defoamers 1970-Oct 86 (122)  
PB86-876216/CAW PTO
- Disinfectants: Chlorine and Chlorine Dioxide 1978-Jan 86 (200)  
PB86-856424/CAW LSC
- Electrodialysis Desalination 1970-Sep 85 (156)  
PB85-868362/CAW Ei
- Eutrophication: Water Quality and Pollution Control 1970-Mar 86 (186)  
PB86-862844/CAW Ei
- Eutrophication: Water Quality and Pollution Control 1978-May 85 (253)  
PB85-860757/CAW POLLUTION
- Filtration and Flocculation in Industrial Processes 1973-Aug 85 (200)  
PB85-866457/CAW BHRA FLUID
- \*Ion Exchange Resins Oct 83-Nov 86 (238)  
PB87-850525/CAW Ei
- Leachate Treatment 1977-Feb 86 (150)  
PB86-858990/CAW SWRA
- Nutrient Removal from Lakes, Ponds, and Rivers 1977-Jun 85 (92)  
PB85-863231/CAW SWRA
- Oil Spill Removal Techniques and Equipment 1973-Jul 86 (130)  
PB86-871589/CAW BHRA FLUID
- \*Oil Spill Removal Techniques and Equipment 1976-Feb 86 (190) Excludes ballast and bilge water studies  
PB86-857430/CAW NTIS
- Oil Spill Removal Techniques and Equipment 1974-Oct 85 (327)  
PB85-871416/CAW OCEANIC
- Oil Spill Removal: Dispersants, Absorbents, Booms, and Skimmers 1978-1985 (153)  
PB86-856226/CAW LSC
- Oil Water Separators 1973-Aug 84 (213)  
Primarily covers ballast water and oil spill separation  
PB85-800019/CAW API
- Oil Water Separators 1970-Feb 86 (181)  
Primarily covers ballast water and oil spill separation  
PB86-858065/CAW Ei
- Ozonation Used in Water and Sewage Treatment 1970-Nov 86 (275) Includes treatment for drinking water  
PB87-850814/CAW NTIS
- Polyelectrolytes: Wastewater and Sewage Treatment 1977-May 86 (140)  
PB86-867694/CAW SWRA
- Pulp Mill Effluents: Activated Sludge Treatment Process 1976-Apr 86 (150)  
PB86-866977/CAW PIRA
- Pulping Effluents: Biological Treatment 1976-Jun 86 (181)  
PB86-871936/CAW PIRA

- Pulping Wastewater Treatment: Aeration Processes and Equipment 1976-Apr 86 (119)  
PB86-867132/CAW PIRA
- Trihalomethanes in Potable Water 1978-Mar 86 (171)  
PB86-862778/CAW SWRA
- \*Waste Treatment by Reverse Osmosis and Membrane Processes: Industrial 1976-Jun 86 (225) Excludes desalination of natural waters  
PB86-870706/CAW Ei
- Waste Water Treatment Jun 76-May 86 (250) Includes industrial waste treatment; excludes mining wastes  
PB86-867702/CAW EDB
- Wastewater and Water Treatment: Anion Exchange 1977-Feb 86 (122)  
PB86-858297/CAW SWRA
- Wastewater Treatment Jun 70-May 86 (263) Includes industrial waste treatment; excludes mining wastes  
PB86-867850/CAW Ei
- Wastewater Treatment: Chemical Industry 1970-Oct 85 (224)  
PB85-870145/CAW POLLUTION
- Wastewater Treatment: Lagoons 1977-May 86 (276)  
PB86-867884/CAW SWRA
- Wastewater Treatment: Ozonation Processes and Equipment 1977-Aug 86 (268)  
PB86-872942/CAW SWRA
- Water Hyacinths: Waste Treatment and Methane Production 1979-Oct 85 (170)  
PB85-870434/CAW EDB
- Water Treatment: Disinfectants and Antiseptics 1976-Oct 86 (135)  
PB86-876778/CAW EDB

## Water pollution detection

- Chromatography for Water Pollution Analysis 1977-Aug 85 (195)  
PB86-873619/CAW EDB
- Water Chemistry: Analysis for Heavy Metals 1977-May 83 (330)  
PB85-860831/CAW SWRA
- Water Chemistry: Analysis For Heavy Metals Jun 83-May 86 (94)  
PB86-866381/CAW SWRA

## Water pollution detection & monitoring

- Ion Selective Electrodes 1970-Aug 86 (186)  
PB86-873957/CAW Ei
- Ion Selective Electrodes 1970-Jun 86 (176)  
PB86-869591/CAW NTIS
- Oil Pollution Sampling, Detection, and Analysis 1976-Jul 85 (176) Excludes citations specifically on pollution effects on flora and fauna  
PB85-863595/CAW NTIS

## Water pollution effects

- \*Acid Precipitation Nov 83-Aug 85 (184)  
PB85-866432/CAW SWRA
- Bioindicators of Marine Pollution 1974-Aug 86 (256)  
PB86-873916/CAW OCEANIC
- Dredging: Biological Effects 1979-May 86 (226)  
PB86-865839/CAW NTIS
- Ecology of Freshwater Molluscs 1980-Aug 85 (109)  
PB85-866663/CAW LSC
- Ecology of Marine Molluscs 1980-Jun 85 (94)  
PB85-861888/CAW LSC
- \*Fisheries: Environmental Aspects Dec 83-Mar 86 (66)  
PB86-862760/CAW SWRA
- Fresh Water Mussels and Water Quality 1970-Nov 84 (98)  
PB85-852549/CAW NTIS
- Fresh Water Mussels and Water Quality 1977-1984 (121)  
PB85-852275/CAW SWRA

- Oil Spills: Environmental Effects 1977-May 86 (311)  
PB86-867447/CAW SWRA
- Pulp and Paper Mill Effluents: Toxicity to Humans 1976-Jan 86 (142)  
PB86-856978/CAW PIRA
- \*Sewage Effects in Marine and Estuarine Environments 1977-Nov 86 (255)  
PB87-851564/CAW NTIS
- Toxic Substances: Effects on Fish 1970-May 86 (178)  
PB86-868924/CAW POLLUTION
- Toxicity Bioassays: Water Pollution Effects on Aquatic Animals and Plants 1977-May 86 (344)  
PB86-868379/CAW SWRA
- Water Pollution Effects of Metals on Fresh Water Fish 1970-Oct 86 (211)  
PB86-876307/CAW NTIS

## Water quality

- Eutrophication: Water Quality and Pollution Control 1970-Mar 86 (186)  
PB86-862844/CAW Ei
- Eutrophication: Water Quality and Pollution Control 1978-May 85 (253)  
PB85-860757/CAW POLLUTION
- Fresh Water Mussels and Water Quality 1970-Nov 84 (98)  
PB85-852549/CAW NTIS
- Fresh Water Mussels and Water Quality 1977-1984 (121)  
PB85-852275/CAW SWRA
- Oxygen Sensors 1970-Aug 86 (157)  
PB86-873197/CAW NTIS
- \*Sediment Transport in Rivers 1978-May 85 (139) Excludes lakes and reservoirs  
PB85-858991/CAW NTIS
- \*Sediment-Water Interactions and Their Effects Upon Water Quality 1979-Mar 86 (125) Excludes salt water studies  
PB86-859642/CAW NTIS
- Water Chemistry: Analysis for Heavy Metals 1977-May 83 (330)  
PB85-860831/CAW SWRA
- Water Quality Acts: Standards, Regulations, and Reactions 1970-Oct 86 (300)  
PB86-876620/CAW POLLUTION
- \*Water Quality Modeling: Hydrological and Limnological Systems Oct 81-Sep 86 (90)  
PB86-874195/CAW NTIS
- \*Water Quality Modeling: Hydrological Systems Apr 83-Jan 86 (210)  
PB86-854973/CAW SWRA

## Water resources

- Computerized Management and Simulation of Groundwater Resources 1977-Jun 85 (330)  
PB85-862613/CAW SWRA
- Strip Mining: Impacts on Water Resources 1977-Mar 86 (196)  
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- Water Resources: Effects of Land Use and Urbanization Sep 81-Sep 85 (89)  
PB85-867521/CAW NTIS

## Water treatment

- \*Activated Carbon: Utilization Excluding Industrial Waste Treatment Feb 83-Apr 86 (345)  
PB86-867744/CAW Ei
- Asbestos in Drinking Water 1977-Nov 85 (118)  
PB85-872075/CAW SWRA
- \*Desalination of Water Dec 83-Nov 85 (74)  
PB86-851508/CAW Ei
- Desalination of Water Jun 70-Sep 85 (240)  
PB85-868818/CAW NTIS
- \*Desalination of Water May 82-1984 (165)  
PB85-853281/CAW OCEANIC
- Disinfectants: Chlorine and Chlorine Dioxide 1978-Jan 86 (200)  
PB86-856424/CAW LSC



Electrodialysis Desalination 1970-Sep 85 (156)  
PB85-868362/CAW Ei

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PB87-850525/CAW Ei
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- Water Treatment: Disinfectants and Antiseptics 1976-Oct 86 (135)  
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### Waterborne diseases

Waterborne Human Diseases 1977-Feb 85 (197)  
PB85-855989/CAW SWRA

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- Agricultural Watersheds 1977-Sep 86 (263)  
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- Security Devices Apr 77-Aug 86 (356)  
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### Wear analysis

- Abrasive Wear of Hard Metals 1975-Nov 85 (230)  
PB86-851755/CAW INSPEC
- Abrasive Wear: Theoretical and Practical Considerations 1973-May 86 (251)  
PB86-867678/CAW ISMEC
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- Algae: Control and Growth in Lakes and Streams Oct 84-Oct 86 (124)  
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- Aquatic Weed Control Dec 81-1985 (163)  
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### Weigh indicators

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### Weightlessness

- Microgravity Research on Life Sciences 1982-Aug 86 (57) Excludes microgravity research on materials sciences  
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- Microgravity Research on Materials Sciences 1974-Aug 85 (66)  
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- Microgravity Research on Materials Sciences 1975-Oct 86 (177) Excludes microgravity research on life sciences  
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### Welding

- Cold Welding for Microcircuitry and Butt Joining of Tubes and Cables 1966-Apr 85 (205)  
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- Laser Beam Welding: Steels Oct 84-Oct 86 (139)  
PB86-876315/CAW METADEX
- Laser Welding Feb 82-Nov 86 (210)  
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- Laser Welding 1970-Sep 85 (88)  
PB85-867471/CAW PTO
- Laser Welding: Aluminum 1966-Nov 86 (131)  
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PB86-858750/CAW ISMEC
- Robot Welding Nov 85-Oct 86 (140)  
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- Robot Welding Dec 85-Nov 86 (61)  
PB87-850418/CAW INSPEC
- Robot Welding 1975-Oct 85 (198)  
PB85-870632/CAW ISMEC
- Spot Welding: Stainless Steels 1966-Oct 85 (190)  
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- Ultrasonic Welding 1970-Nov 85 (245)  
PB86-851474/CAW Ei
- Ultrasonic Welding Jun 74-Jan 86 (97)  
PB86-857745/CAW IAA

- Ultrasonic Welding Jun 70-Sep 86 (113)  
PB86-875838/CAW NTIS
- Ultrasonic Welding 1970-Jun 85 (143)  
PB85-863454/CAW PTO
- Ultrasonic Welding of Thin Film Devices and Integrated Circuits 1983-Jun 85 (70)  
PB85-863256/CAW METADEX
- Welding of Dissimilar Metals 1970-Nov 86 (339)  
PB87-850483/CAW Ei
- Welding of Dissimilar Metals: Aluminum and Steel 1968-Nov 85 (234)  
PB85-871598/CAW METADEX
- Welding of Plastics: Excluding Ultrasonic Welding 1973-Jul 86 (385)  
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- Welding: Personnel Safety 1966-Jul 85 (171)  
PB85-865020/CAW METADEX
- Welding: Personnel Safety 1970-Jun 85 (174)  
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### Well completion

- Fracturing Fluids 1970-Jun 85 (85)  
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- Natural Gas Well Completion 1976-Nov 85 (88)  
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- Oil Well Completion: Technology and Evaluation 1976-Nov 85 (183) Excludes packing and cementing methods  
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### Well logging

- Measurement-While-Drilling 1976-Feb 86 (235)  
PB86-858628/CAW EDB
- Well Logging Tools and Apparatus 1970-Nov 85 (116)  
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### Wet pavements

- Tire Hydroplaning 1970-Jan 86 (162)  
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### Wetlands

Wetlands Ecology 1978-Jul 85 (195)  
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### Wheel chairs

Wheelchair Design and Improvement 1970-Oct 85 (62)  
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### Wind power generation

- Wind Turbines 1970-Oct 85 (152)  
PB85-869808/CAW PTO
- Wind Turbines and Generators for Wind Power Plants 1976-Apr 85 (188)  
PB85-858140/CAW INSPEC
- Windmill Design, Development, Construction, and Performance Nov 82-Jan 86 (279)  
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### Wind shear

- Doppler Radar: Aviation Safety 1972-Jan 86 (87)  
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### Wind tunnels

- Wind Tunnel Testing 1983-Apr 86 (338)  
PB86-864758/CAW EDB
- Wind Tunnels 1976-Oct 86 (169)  
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## Windowing techniques

- Windowing: Applications and Software Packages 1975-Oct 86 (310)  
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## Windows

- Insulating Windows 1971-Feb 85 (157)  
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- \*Plastic Window Frames Mar 83-1985 (179)  
PB86-853835/CAW RAPRA
- Thermal Windows 1970-Mar 86 (84)  
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## Wines

- Factors Affecting the Organoleptic Properties of Wine 1972-Apr 86 (122)  
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- Winglets 1972-Oct 85 (60)  
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## Women

- \*Role of Women in the Workforce Apr 82-Apr 86 (247) Excludes citations pertaining specifically to welfare programs, training of disadvantaged groups, and vocational guidance  
PB86-865482/CAW NTIS
- Women as Consumers and Providers of Health Care 1970-Feb 86 (181)  
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- Fire Retardants for Wood and Paper 1970-Jan 86 (102)  
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## Wood preservation

- Wood Preservatives 1980-Nov 85 (342)  
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## Word processing

- Document Interchange Architecture - Document Content Architecture Jun 83-Jun 86 (109)  
PB86-871670/CAW COM
- \*Word Processing: Management, Training, and Personnel Oct 83-Nov 84 (120)  
PB85-850915/CAW INSPEC

Word Processors: Wordstar 1975-Oct 85 (115)  
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## Work measurement

- \*Human Work Measurement Apr 82-1985 (137) Excludes physiological effects  
PB86-853058/CAW NTIS
- Time and Motion Studies: Work Measurement and Productivity 1973-Jul 85 (193)  
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## Workplace layout

- Ergonomics and Productivity 1975-Jun 86 (55) Excludes human engineering factors specific to video display units  
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- Workstation Design and Workplace Layout 1970-Sep 86 (191) Excludes industrial plants, factories, and machine shops.  
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## X ray analysis

- X Ray Cameras 1975-Jul 86 (165)  
PB86-872033/CAW INSPEC
- X Ray Diffraction Studies: Polymers 1970-Jul 86 (135)  
PB86-873098/CAW NTIS
- X Ray Powder Diffraction Studies of Metals and Alloys 1966-Jul 86 (192)  
PB86-872124/CAW METADEX
- X-Ray Crystallography of Proteins 1978-Apr 86 (69)  
PB86-863693/CAW LSC

## X ray fluorescence analysis

- \*X Ray Fluorescence Analysis Jul 80-Feb 86 (269)  
PB86-858438/CAW NTIS

## X ray image intensifiers

- X-Ray Image Intensifier Technology 1974-Jul 86 (118)  
PB86-873239/CAW INSPEC

## X ray lasers

- X-Ray Lasers 1970-Jan 86 (157)  
PB86-856044/CAW NTIS

## X ray radiography

- Nondestructive Testing: X-ray Radiography Techniques 1975-Feb 86 (329)  
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- Nondestructive Testing: X-Ray Radiography Techniques 1973-Nov 86 (279)  
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## Xylitol

- Sorbitol, Mannitol, and Xylitol in Foods 1972-May 86 (330)  
PB86-868841/CAW FSTA

## Yeasts

- Biomass Conversion: Ethanol Production by Yeasts 1980-Feb 86 (259)  
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## Yogurt

- Dairy Products: Lactic Acid Bacteria 1984-Apr 85 (66)  
PB85-859882/CAW FSTA
- Diary Products: Lactic Acid Bacteria 1975-1983 (338)  
PB85-859874/CAW FSTA
- \*Yogurt Manufacture Mar 83-Mar 85 (116)  
PB85-856094/CAW FSTA

## Yttrium

- Yttrium Applications Jun 76-Aug 85 (159)  
PB85-866945/CAW EDB

## Zeolites

- \*Molecular Sieves 1982-Apr 86 (348)  
PB86-865805/CAW EDB
- \*Zeolites in Catalysis Jun 83-Feb 85 (235)  
PB85-854826/CAW EDB

## Zinc

- \*Chromate Coatings for the Protection of Aluminum and Zinc Surfaces Mar 85-Mar 86 (57)  
PB86-861176/CAW METADEX
- Recycling Zinc Jun 76-Jul 86 (147)  
PB86-872090/CAW EDB
- Recycling Zinc 1977-Apr 85 (97)  
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- Recycling Zinc Jun 70-Sep 85 (183)  
PB85-868719/CAW NTIS
- \*Toxicity of Zinc Jul 85-Jun 86 (48)  
PB86-869328/CAW NTIS
- Zinc and Zinc Alloys as Protective Coatings 1966-Apr 86 (206)  
PB86-867306/CAW METADEX

## Zinc alloys

- Lightweight Alloys 1966-Jul 85 (68)  
PB85-865103/CAW METADEX
- Zinc and Zinc Alloys as Protective Coatings 1966-Apr 86 (206)  
PB86-867306/CAW METADEX

## Zinc coatings

- \*Corrosion Resistant Coatings: Hot Dip Galvanizing May 82-1985 (271)  
PB86-854494/CAW METADEX
- \*Galvanizing Sep 83-Apr 86 (137)  
PB86-865128/CAW Ei

## Zone melting

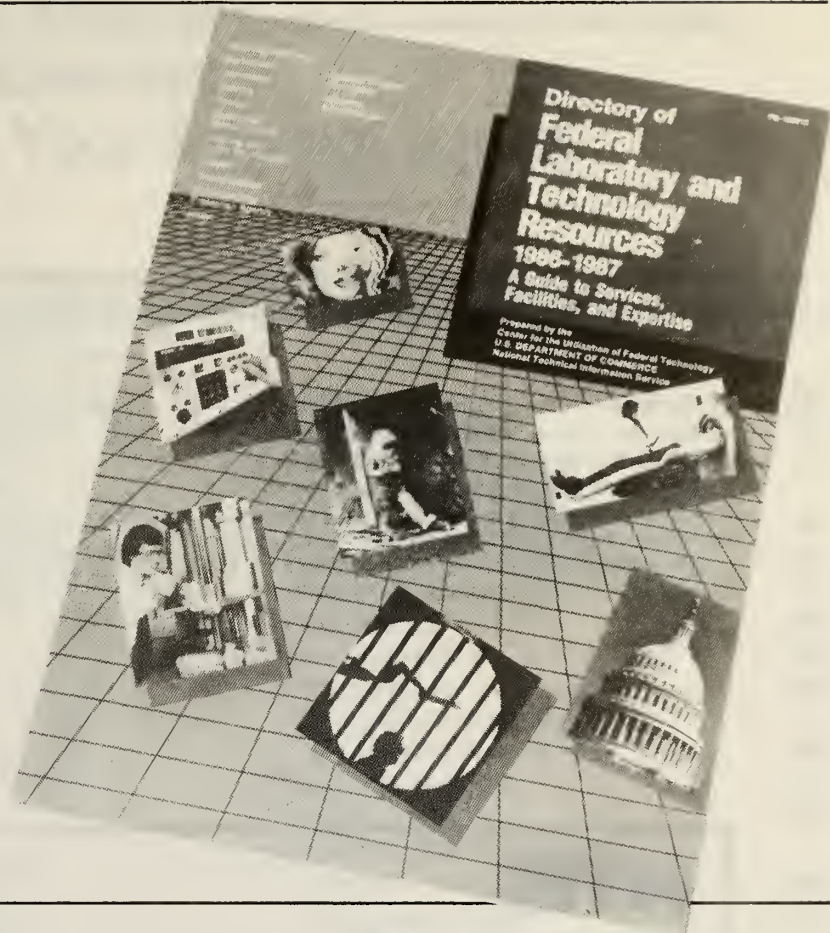
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**Computers, Control & Information Theory**

Tuesday, February 2, 1982

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**Non-Federal Computer Acquisition Practices Provide Useful Information for Streamlining Federal Methods**  
General Accounting Office, Washington, DC. Accounting and Financial Management Div. 2. OIG 91-104 AFMD 91-104  
DE1027430 Price code PC A03/MF A01

**Q&A** A study of 16 non-federal organizations showed that their managers are committed to using the computer effectively as a tool for solving business problems. Their strategies and plans provide a framework for computer use. The study also found that the 16 organizations have developed a coordinated computer equipment and procedures. The study does not endorse the practices and procedures of the 16 organizations. It merely describes the practices and procedures of the 16 organizations. It does not endorse the practices and procedures of the 16 organizations. It merely describes the practices and procedures of the 16 organizations.

**COMPUTER SOFTWARE**

**The NADEX Core Operating System**  
Robert Young and Virgil Williams  
Kansas State Univ., Manhattan, Dept.  
1 Nov 79. 49p. 78-17  
AD-A104 988/1 Price code PC A03

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Perry R. Rabin  
Polytechnic Inst.  
NY 11558-0001  
AD-A105 040/6 Price code PC A03/MF A01

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**Environmental Pollution & Control**

Tuesday, February 2, 1982

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**AIR POLLUTION & CONTROL**

**SRC-1 Quarterly Technical Report, January-March 1981**  
International Coal Refining Co., Allentown, PA. 1981. 225p.  
DOE/OS (03054-3)  
DE1027430 Price code PC A11/MF A01

Eleven engineering studies involved with the SRC-1 coal liquefaction demonstration plant at Newman, Kentucky have been entered individually into EDB and ERA. They involve: (a) particulate pollution control materials handling of coal and plant residue; (b) product upgrading; (c) chemical analysis of product; and the analytical laboratory required at the demonstration plant and finally, the solubility of hydrogen in coal liquids and model compounds. (ERA citation 05.03282.1)

**Pipeline-Gas Demonstration Plant, Phase I, Construction Planning, Volume 1: Safety Procedures, Temporary Facilities, and Labor Survey**  
Conoco, Inc., Stamford, CT. 207p. DOE (ET-13060-TBV-2) FE 2542 80(Vol 2). Microfilm only after original copies are exhausted.  
DE1028444 Price code PC A10/MF A01

Contract No. EF-77-C-01-2542 between Conoco Inc. and the United States Department of Energy provides for the design, construction and operation of a Demonstration Plant capable of converting high sulfur, bituminous caking coal to clean pipeline quality gas. One of the assignments under the contract is to prepare construction plans for the Demonstration Plant. Temporary construction facilities will be provided by the Construction Management Contractor for its own use and for Conoco and DOE personnel. Some common facilities will also be provided for use by the subcontractors. A monitoring program will take place during the construction period to ensure minimal environmental impact. Safety procedures have been developed to cover the construction period. The labor and

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**Elemental Composition of Atmospheric Fine-Particulates Emitted from Coal Burned in a Modern Electric Power Plant Equipped with a Fine-Particle Desulfurization System**  
J. M. Ondov, A. H. Bierman, B. E. Hahn and R. F. Kozlowski  
Lawrence Livermore National Lab., CA. Jul 81. 19p. UCRL 85035. CONF 801268.1  
DE1028073 Price code PC A02/MF A01

Improved control devices now frequently installed on conventional coal-utility boilers drastically affect the quantity, chemical composition, and physical characteristics of fine particulates emitted to the atmosphere from these sources. Fine particulates were sampled upstream and downstream from a modern time-spray spray tower system installed on a 830-MW coal-utility boiler. Particulate samples were collected in situ on

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